



PI 3-kinase p101 Monoclonal Antibody

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity 290% Storage Stability -20°C/1 year Synonyms PIK3R5; Phosphoinositide 3-kinase regulatory subunit 5; PI3-kinase regulatory subunit 5; PI3-kinase regulatory subunit; Phosphatidylinositol 4; 5-bisphosphate 3-kinase regulatory subunit; PtdIns-3-kinase regulatory subunit; Protein FOAP-2 PtdIns- Observed Band 100kD Cell Pathway Nucleus . Cytoplasm . Cell membrane ; Peripheral membrane protein . Predominantly localized in the nucleus in absence of PIK3CG/p120. Colocalizes with PIK3CG/p120 in the cytoplasm . Translocated to the plasma membrane in a beta-gamma G protein-dependent manner. Tissue Specificity Ubiquitously expressed with high expression in fetal brain compared to adult brain . Abundant expression is observed in cerebellum, cerebral cortex, cerebral meminges, and vermis cerebelli. Function domain:The heterodimerization region allows the binding to the catalytic subunit, enzyme regulation:Greatly activated by G gamma proteins., function: Regulatory subunit of the PI3K gamma	Isotype IgG		
Applications WB Gene Name PIK3R5 Protein Name Phosphoinositide 3-kinase regulatory subunit 5 Immunogen The antiserum was produced against synthesized peptide derived from human PIK3R5. AA range:695-744 Specificity PI 3-kinase p101 Monoclonal Antibody detects endogenous levels of PI 3-kinase p101 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PIK3R5; Phosphoinositide 3-kinase regulatory subunit 5; PI3-kinase regulatory subunit 5; PI3-kinase regulatory subunit 5; PI3-kinase regulatory subunit; Protein FOAP-2 PtdIns- Observed Band 100kD Cell Pathway Nucleus Cytoplasm Cell membrane ; Peripheral membrane protein Predominantly localized in the nucleus in absence of PIK3CG/p120. Colocalizes with PIK3CG/p120 in the cytoplasm. Translocated to the plasm membrane in a beta-gamma G protein-dependent manner. Tissue Specificity Ubiquitously expressed with high expression in fetal brain compared to adult brain. Abundant expression is observed in cerebellum, cerebral cortex, cerebral mentinges, and vermis cerebelli. Function domain: The heterodimerization region allows the binding to the catalytic subunit, enzyme regulation; Greatly activated by G gamma proteins, function: Regulatory subunit of the PISK gamma	Applications WB Gene Name PIK3R5 Protein Name Phosphoinositide 3-kinase regulatory subunit 5 Immunogen The antiserum was produced against synthesized peptide derived from human PIK3R5. AA range:695-744 Specificity PI 3-kinase p101 Monoclonal Antibody detects endogenous levels of PI 3-kinase p101 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse,IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PIK3R5; Phosphoinositide 3-kinase regulatory subunit 5; PI3-kinase regulatory subunit; Protein FOAP-2; PtdIns- Observed Band 100kD	Catalog No	BYmab-14912
Applications WB Gene Name PIK3R5 Protein Name Phosphoinositide 3-kinase regulatory subunit 5 Immunogen The antiserum was produced against synthesized peptide derived from human PIK3R5. AA range:695-744 Specificity PI 3-kinase p101 Monoclonal Antibody detects endogenous levels of PI 3-kinase p101 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PIK3R5; Phosphoinositide 3-kinase regulatory subunit 5; PI3-kinase regulatory subunit 5; PI3-kinase regulatory subunit; Protein FOAP-2 PtdIns- Observed Band 100kD Cell Pathway Nucleus . Cytoplasm . Cell membrane ; Peripheral membrane protein . Predominantly localized in the nucleus in absence of PIK3CG/p120 in the cytoplasm. Translocated to the plasma membrane in a beta-gamma G protein-dependent manner . Tissue Specificity Ubiquitously expressed with high expression in fetal brain compared to adult brain . Abundant expression is observed in cerebellum, cerebral cortex, cerebral meninges, and vermis cerebelli. Function domain: The heterodimerization region allows the binding to the catalytic subunit, enzyme regulation; Greatly activated by G gamma proteins. [function:Regulatory subunit of the PISK gamma	Applications WB Gene Name PIK3R5 Protein Name Phosphoinositide 3-kinase regulatory subunit 5 Immunogen The antiserum was produced against synthesized peptide derived from human PIK3R5. AA range:695-744 Specificity PI 3-kinase p101 Monoclonal Antibody detects endogenous levels of PI 3-kinase p101 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse,IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PIK3R5; Phosphoinositide 3-kinase regulatory subunit 5; PI3-kinase regulatory subunit; Phosphatidylinositol 4; 5-bisphosphate 3-kinase regulatory subunit; Protein FOAP-2; PtdIns- Observed Band 100kD	Isotype	IgG
Gene Name PIK3R5 Protein Name Phosphoinositide 3-kinase regulatory subunit 5 Immunogen The antiserum was produced against synthesized peptide derived from human PIK3R5. AA range:695-744 Specificity P1 3-kinase p101 Monoclonal Antibody detects endogenous levels of PI 3-kinase p101 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse, lgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PIK3R5; Phosphoinositide 3-kinase regulatory subunit 5; PI3-kinase regulatory subunit; Protein FOAP-2 PIdIns- Observed Band 100kD Cell Pathway Nucleus. Cytoplasm. Cell membrane ; Peripheral membrane protein. Predominantly localized in the nucleus in absence of PIK3CG/p120. Colocalizes with PIK3CG/p120 in the cytoplasm. Translocated to the plasma membrane in a beta-gamma G protein-dependent manner. Tissue Specificity Ubiquitously expressed with high expression in fetal brain compared to adult brain. Abundant expression is observed in cerebellum, cerebral cortex, cerebral meninges, and vermis cerebelli.	Gene Name PIK3R5 Protein Name Phosphoinositide 3-kinase regulatory subunit 5 Immunogen The antiserum was produced against synthesized peptide derived from human PIK3R5. AA range:695-744 Specificity PI 3-kinase p101 Monoclonal Antibody detects endogenous levels of PI 3-kinase p101 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse,lgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PIK3R5; Phosphoinositide 3-kinase regulatory subunit 5; PI3-kinase regulatory subunit; Phosphatidylinositol 4; 5-bisphosphate 3-kinase regulatory subunit; Protein FOAP-2; PtdIns- Observed Band 100kD	Reactivity	Human;Mouse
Protein Name Phosphoinositide 3-kinase regulatory subunit 5 Immunogen The antiserum was produced against synthesized peptide derived from human PIK3R5. AA range:695-744 Specificity P1 3-kinase p101 Monoclonal Antibody detects endogenous levels of PI 3-kinase p101 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PIK3R5; Phosphoinositide 3-kinase regulatory subunit 5; PI3-kinase regulatory subunit; 5; PI3-kinase regulatory subunit; Protein FOAP-2 PtdIns- Observed Band 100kD Cell Pathway Nucleus . Cytoplasm . Cell membrane ; Peripheral membrane protein . Predominantly localized in the nucleus in absence of PIK3CG/p120. Colocalizes with PIK3CG/p120 in the cytoplasm . Translocated to the plasma membrane in a beta-gamma G protein-dependent manner . Tissue Specificity Ubiquitously expressed with high expression in fetal brain compared to adult brain. Abundant expression is observed in cerebellum, cerebral cortex, cerebral meninges, and vernis cerebellur. Pl3K gamma proteins, function: Regulatory subunit of	Protein Name Phosphoinositide 3-kinase regulatory subunit 5 Immunogen The antiserum was produced against synthesized peptide derived from human PIK3R5. AA range:695-744 Specificity PI 3-kinase p101 Monoclonal Antibody detects endogenous levels of PI 3-kinase p101 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse,IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PIK3R5; Phosphoinositide 3-kinase regulatory subunit 5; PI3-kinase regulatory subunit 5; PI3-kinase regulatory subunit; Phosphatidylinositol 4; 5-bisphosphate 3-kinase regulatory subunit; Protein FOAP-2; PtdIns- Observed Band 100kD	Applications	WB
Immunogen	Immunogen The antiserum was produced against synthesized peptide derived from human PIK3R5. AA range:695-744 Specificity PI 3-kinase p101 Monoclonal Antibody detects endogenous levels of PI 3-kinase p101 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse,IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PIK3R5; Phosphoinositide 3-kinase regulatory subunit 5; PI3-kinase regulatory subunit; Phosphatidylinositol 4; 5-bisphosphate 3-kinase regulatory subunit; Phosphatidylinositol 4; 5-bisphosphate 3-kinase regulatory subunit; Protein FOAP-2; PtdIns- Observed Band 100kD	Gene Name	PIK3R5
PIK3R5. AA range:695-744 Specificity PI 3-kinase p101 Monoclonal Antibody detects endogenous levels of PI 3-kinase p101 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse,IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PIK3R5; Phosphoinositide 3-kinase regulatory subunit 5; PI3-kinase regulatory subunit 5; PI3-kinase p101 subunit; Phosphatidylinositol 4; 5-bisphosphate 3-kinase regulatory subunit; PtdIns-3-kinase regulatory subunit; Protein FOAP-2 PtdIns- Observed Band 100kD Cell Pathway Nucleus Cytoplasm Cell membrane : Peripheral membrane protein Predominantly localized in the nucleus in absence of PIK3CG/p120. Colocalizes with PIK3CG/p120 in the cytoplasm. Translocated to the plasma membrane in a beta-gamma G protein-dependent manner. Tissue Specificity Ubiquitously expressed with high expression in fetal brain compared to adult brain Abundant expression is observed in cerebellum, cerebral cortex, cerebral meminges, and vermis cerebelli. Function domain:The heterodimerization region allows the binding to the catalytic subunit, enzyme regulation:Greatly activated by G gamma proteins , function:Regulatory subunit of the P18K gamma	PIK3R5. AA range:695-744 Specificity PI 3-kinase p101 Monoclonal Antibody detects endogenous levels of PI 3-kinase p101 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse, lgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PIK3R5; Phosphoinositide 3-kinase regulatory subunit 5; PI3-kinase regulatory subunit 5; PI3-kinase regulatory subunit; Phosphatidylinositol 4; 5-bisphosphate 3-kinase regulatory subunit; PtdIns-3-kinase regulatory subunit; Protein FOAP-2; PtdIns- Observed Band 100kD	Protein Name	Phosphoinositide 3-kinase regulatory subunit 5
Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PIK3R5; Phosphoinositide 3-kinase regulatory subunit 5; PI3-kinase regulatory subunit 5; PI3-kinase regulatory subunit; Phosphatidylinositol 4; 5-bisphosphate 3-kinase regulatory subunit; PtdIns-3-kinase regulatory subunit; Protein FOAP-2 PtdIns- Observed Band 100kD Cell Pathway Nucleus . Cytoplasm . Cell membrane ; Peripheral membrane protein . Predominantly localized in the nucleus in absence of PIK3CG/p120. Colocalizes with PIK3CG/p120 in the cytoplasm . Translocated to the plasma membrane in a beta-gamma G protein-dependent manner. Tissue Specificity Ubiquitously expressed with high expression in fetal brain compared to adult brain . Abundant expression is observed in cerebellum, cerebral cortex, cerebral meninges, and vermis cerebelli. Function domain:The heterodimerization region allows the binding to the catalytic subunit, enzyme regulation:Greatly activated by G gamma proteins. function:Regulatory subunit of the PI3K gamma	p101 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse,lgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PIK3R5; Phosphoinositide 3-kinase regulatory subunit 5; PI3-kinase regulatory subunit 5; PI3-kinase regulatory subunit 5; PI3-kinase regulatory subunit; Phosphatidylinositol 4; 5-bisphosphate 3-kinase regulatory subunit; PtdIns-3-kinase regulatory subunit; Protein FOAP-2; PtdIns- Observed Band 100kD	Immunogen	
Source Monoclonal, Mouse,IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PIK3R5; Phosphoinositide 3-kinase regulatory subunit 5; PI3-kinase regulatory subunit; Phosphatidylinositol 4; 5-bisphosphate 3-kinase regulatory subunit; PtdIns-3-kinase regulatory subunit; Protein FOAP-2 PtdIns- Observed Band 100kD Cell Pathway Nucleus . Cytoplasm . Cell membrane ; Peripheral membrane protein . Predominantly localized in the nucleus in absence of PIK3CG/p120. Colocalizes with PIK3CG/p120 in the cytoplasm. Translocated to the plasma membrane in a beta-gamma G protein-dependent manner Tissue Specificity Ubiquitously expressed with high expression in fetal brain compared to adult brain. Abundant expression is observed in cerebellum, cerebral cortex, cerebral meninges, and vermis cerebelli. Function domain: The heterodimerization region allows the binding to the catalytic subunit, enzyme regulation: Greatly activated by G gamma proteins. function: Regulatory subunit of the PISK gamma	Source Monoclonal, Mouse,IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PIK3R5; Phosphoinositide 3-kinase regulatory subunit 5; PI3-kinase regulatory subunit; Phosphatidylinositol 4; 5-bisphosphate 3-kinase regulatory subunit; Protein FOAP-2; Ptdlns- Observed Band 100kD	Specificity	PI 3-kinase p101 Monoclonal Antibody detects endogenous levels of PI 3-kinase p101 protein.
Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PIK3R5; Phosphoinositide 3-kinase regulatory subunit 5; PI3-kinase regulatory subunit 5; PI3-kinase regulatory subunit 5; PI3-kinase regulatory subunit 5; PI3-kinase regulatory subunit; Phosphatidylinositol 4; 5-bisphosphate 3-kinase regulatory subunit; PtdIns-3-kinase regulatory subunit; Protein FOAP-2 PtdIns- Observed Band 100kD Cell Pathway Nucleus . Cytoplasm . Cell membrane ; Peripheral membrane protein . Predominantly localized in the nucleus in absence of PIK3CG/p120. Colocalizes with PIK3CG/p120 in the cytoplasm. Translocated to the plasma membrane in a beta-gamma G protein-dependent manner Tissue Specificity Ubiquitously expressed with high expression in fetal brain compared to adult brain. Abundant expression is observed in cerebellum, cerebral cortex, cerebral meninges, and vermis cerebelli. Function domain:The heterodimerization region allows the binding to the catalytic subunit, enzyme regulation:Greatly activated by G gamma proteins, function:Regulatory subunit of the PISK gamma	Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PIK3R5; Phosphoinositide 3-kinase regulatory subunit 5; PI3-kinase regulatory subunit; Phosphatidylinositol 4; 5-bisphosphate 3-kinase regulatory subunit; PtdIns-3-kinase regulatory subunit; Protein FOAP-2; PtdIns- Observed Band 100kD	Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PIK3R5; Phosphoinositide 3-kinase regulatory subunit 5; PI3-kinase regulatory subunit 5; PI3-kinase regulatory subunit; Phosphatidylinositol 4; 5-bisphosphate 3-kinase regulatory subunit; Ptdlns-3-kinase regulatory subunit; Protein FOAP-2 Ptdlns- Observed Band 100kD Cell Pathway Nucleus . Cytoplasm . Cell membrane ; Peripheral membrane protein . Predominantly localized in the nucleus in absence of PIK3CG/p120. Colocalizes with PIK3CG/p120 in the cytoplasm. Translocated to the plasma membrane in a beta-gamma G protein-dependent manner. Tissue Specificity Ubiquitously expressed with high expression in fetal brain compared to adult brain. Abundant expression is observed in cerebellum, cerebral cortex, cerebral meninges, and vermis cerebelli. Function domain: The heterodimerization region allows the binding to the catalytic subunit, enzyme regulation: Greatly activated by G gamma proteins., function: Regulatory subunit of the PI3K gamma	affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PIK3R5; Phosphoinositide 3-kinase regulatory subunit 5; PI3-kinase regulatory subunit 5; PI3-kinase regulatory subunit 5; PI3-kinase regulatory subunit; Phosphatidylinositol 4; 5-bisphosphate 3-kinase regulatory subunit; PtdIns-3-kinase regulatory subunit; Protein FOAP-2; PtdIns- Observed Band 100kD	Source	Monoclonal, Mouse,IgG
Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PIK3R5; Phosphoinositide 3-kinase regulatory subunit 5; PI3-kinase regulatory subunit; Phosphatidylinositol 4; 5-bisphosphate 3-kinase regulatory subunit; Ptdlns-3-kinase regulatory subunit; Protein FOAP-2 Ptdlns- Observed Band 100kD Cell Pathway Nucleus . Cytoplasm . Cell membrane ; Peripheral membrane protein . Predominantly localized in the nucleus in absence of PIK3CG/p120. Colocalizes with PIK3CG/p120 in the cytoplasm . Translocated to the plasma membrane in a beta-gamma G protein-dependent manner Tissue Specificity Ubiquitously expressed with high expression in fetal brain compared to adult brain. Abundant expression is observed in cerebellum, cerebral cortex, cerebral meninges, and vermis cerebelli. Function domain: The heterodimerization region allows the binding to the catalytic subunit, enzyme regulation: Greatly activated by G gamma proteins, function: Regulatory subunit of the Pl3K gamma	Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PIK3R5; Phosphoinositide 3-kinase regulatory subunit 5; PI3-kinase regulatory subunit; Phosphatidylinositol 4; 5-bisphosphate 3-kinase regulatory subunit; PtdIns-3-kinase regulatory subunit; Protein FOAP-2; PtdIns- Observed Band 100kD	Purification	• • • • • • • • • • • • • • • • • • • •
Purity ≥90% Storage Stability -20°C/1 year Synonyms PIK3R5; Phosphoinositide 3-kinase regulatory subunit 5; PI3-kinase regulatory subunit 5; PI3-kinase regulatory subunit; Phosphatidylinositol 4; 5-bisphosphate 3-kinase regulatory subunit; PtdIns-3-kinase regulatory subunit; Protein FOAP-2 PtdIns- Observed Band 100kD Cell Pathway Nucleus . Cytoplasm . Cell membrane ; Peripheral membrane protein . Predominantly localized in the nucleus in absence of PIK3CG/p120. Colocalizes with PIK3CG/p120 in the cytoplasm. Translocated to the plasma membrane in a beta-gamma G protein-dependent manner Tissue Specificity Ubiquitously expressed with high expression in fetal brain compared to adult brain. Abundant expression is observed in cerebellum, cerebral cortex, cerebral meninges, and vermis cerebelli. Function domain:The heterodimerization region allows the binding to the catalytic subunit., enzyme regulation:Greatly activated by G gamma proteins.,function:Regulatory subunit of the PI3K gamma	Purity ≥90% Storage Stability -20°C/1 year Synonyms PIK3R5; Phosphoinositide 3-kinase regulatory subunit 5; PI3-kinase regulatory subunit; Phosphatidylinositol 4; 5-bisphosphate 3-kinase regulatory subunit; PtdIns-3-kinase regulatory subunit; Protein FOAP-2; PtdIns- Observed Band 100kD	Dilution	WB 1:500-2000
Synonyms PIK3R5; Phosphoinositide 3-kinase regulatory subunit 5; PI3-kinase regulatory subunit 5; PI3-kinase p101 subunit; Phosphatidylinositol 4; 5-bisphosphate 3-kinase regulatory subunit; PtdIns-3-kinase regulatory subunit; Protein FOAP-2 PtdIns- Observed Band 100kD Cell Pathway Nucleus . Cytoplasm . Cell membrane ; Peripheral membrane protein . Predominantly localized in the nucleus in absence of PIK3CG/p120. Colocalizes with PIK3CG/p120 in the cytoplasm. Translocated to the plasma membrane in a beta-gamma G protein-dependent manner Tissue Specificity Ubiquitously expressed with high expression in fetal brain compared to adult brain. Abundant expression is observed in cerebellum, cerebral cortex, cerebral meninges, and vermis cerebelli. Function domain:The heterodimerization region allows the binding to the catalytic subunit., enzyme regulation:Greatly activated by G gamma proteins, function:Regulatory subunit of the PI3K gamma	Storage Stability -20°C/1 year PIK3R5; Phosphoinositide 3-kinase regulatory subunit 5; PI3-kinase regulatory subunit 5; PI3-kinase regulatory subunit; Phosphatidylinositol 4; 5-bisphosphate 3-kinase regulatory subunit; PtdIns-3-kinase regulatory subunit; Protein FOAP-2; PtdIns- Observed Band 100kD	Concentration	1 mg/ml
Synonyms PIK3R5; Phosphoinositide 3-kinase regulatory subunit 5; PI3-kinase regulatory subunit 5; PI3-kinase p101 subunit; Phosphatidylinositol 4; 5-bisphosphate 3-kinase regulatory subunit; PtdIns-3-kinase regulatory subunit; Protein FOAP-2 PtdIns- Observed Band 100kD Cell Pathway Nucleus . Cytoplasm . Cell membrane ; Peripheral membrane protein . Predominantly localized in the nucleus in absence of PIK3CG/p120. Colocalizes with PIK3CG/p120 in the cytoplasm. Translocated to the plasma membrane in a beta-gamma G protein-dependent manner Tissue Specificity Ubiquitously expressed with high expression in fetal brain compared to adult brain. Abundant expression is observed in cerebellum, cerebral cortex, cerebral meninges, and vermis cerebelli. Function domain:The heterodimerization region allows the binding to the catalytic subunit.,enzyme regulation:Greatly activated by G gamma proteins.,function:Regulatory subunit of the PI3K gamma	Synonyms PIK3R5; Phosphoinositide 3-kinase regulatory subunit 5; PI3-kinase regulatory subunit 5; PI3-kinase p101 subunit; Phosphatidylinositol 4; 5-bisphosphate 3-kinase regulatory subunit; PtdIns-3-kinase regulatory subunit; Protein FOAP-2; PtdIns- Observed Band 100kD	Purity	≥90%
subunit 5; Pl3-kinase p101 subunit; Phosphatidylinositol 4; 5-bisphosphate 3-kinase regulatory subunit; PtdIns-3-kinase regulatory subunit; Protein FOAP-2 PtdIns- Observed Band 100kD Nucleus . Cytoplasm . Cell membrane ; Peripheral membrane protein . Predominantly localized in the nucleus in absence of PlK3CG/p120. Colocalizes with PlK3CG/p120 in the cytoplasm. Translocated to the plasma membrane in a beta-gamma G protein-dependent manner Tissue Specificity Ubiquitously expressed with high expression in fetal brain compared to adult brain. Abundant expression is observed in cerebellum, cerebral cortex, cerebral meninges, and vermis cerebelli. Function domain:The heterodimerization region allows the binding to the catalytic subunit, enzyme regulation:Greatly activated by G gamma proteins.,function:Regulatory subunit of the Pl3K gamma	subunit 5; Pl3-kinase p101 subunit; Phosphatidylinositol 4; 5-bisphosphate 3-kinase regulatory subunit; PtdIns-3-kinase regulatory subunit; Protein FOAP-2; PtdIns- 100kD	Storage Stability	-20°C/1 year
Cell Pathway Nucleus . Cytoplasm . Cell membrane ; Peripheral membrane protein . Predominantly localized in the nucleus in absence of PIK3CG/p120. Colocalizes with PIK3CG/p120 in the cytoplasm. Translocated to the plasma membrane in a beta-gamma G protein-dependent manner Ubiquitously expressed with high expression in fetal brain compared to adult brain. Abundant expression is observed in cerebellum, cerebral cortex, cerebral meninges, and vermis cerebelli. Function domain:The heterodimerization region allows the binding to the catalytic subunit.,enzyme regulation:Greatly activated by G gamma proteins.,function:Regulatory subunit of the PI3K gamma		Synonyms	subunit 5; PI3-kinase p101 subunit; Phosphatidylinositol 4; 5-bisphosphate 3-kinase regulatory subunit; PtdIns-3-kinase regulatory subunit; Protein FOAP-2;
Predominantly localized in the nucleus in absence of PIK3CG/p120. Colocalizes with PIK3CG/p120 in the cytoplasm. Translocated to the plasma membrane in a beta-gamma G protein-dependent manner. Tissue Specificity Ubiquitously expressed with high expression in fetal brain compared to adult brain. Abundant expression is observed in cerebellum, cerebral cortex, cerebral meninges, and vermis cerebelli. Function domain: The heterodimerization region allows the binding to the catalytic subunit., enzyme regulation: Greatly activated by G gamma proteins., function: Regulatory subunit of the PI3K gamma	Cell Pathway Nucleus . Cytoplasm . Cell membrane : Peripheral membrane protein .	Observed Band	100kD
brain. Abundant expression is observed in cerebellum, cerebral cortex, cerebral meninges, and vermis cerebelli. Function domain:The heterodimerization region allows the binding to the catalytic subunit.,enzyme regulation:Greatly activated by G gamma proteins.,function:Regulatory subunit of the PI3K gamma	Predominantly localized in the nucleus in absence of PIK3CG/p120. Colocalizes with PIK3CG/p120 in the cytoplasm. Translocated to the plasma membrane in a	Cell Pathway	Predominantly localized in the nucleus in absence of PIK3CG/p120. Colocalizes with PIK3CG/p120 in the cytoplasm. Translocated to the plasma membrane in a
subunit.,enzyme regulation:Greatly activated by G gamma proteins.,function:Regulatory subunit of the PI3K gamma	brain. Abundant expression is observed in cerebellum, cerebral cortex, cerebral	Tissue Specificity	brain. Abundant expression is observed in cerebellum, cerebral cortex, cerebral
complex.,subunit:Heterodimer of a catalytic subunit (PIK3CG/p120) and a	domain: The heterodimerization region allows the hinding to the catalytic	Function	subunit.,enzyme regulation:Greatly activated by G gamma

Nanjing BYabscience technology Co.,Ltd



国内优质抗体供应商 精准的 WB 检测服务 24H 在线服务,欢迎咨询



	regulatory (PIK3R5a/p101) subunit. Interacts with G beta gamma proteins.,tissue specificity:Highly expressed in leukocytes, followed by spleen, lymph node, thymus ans bone marrow.,
Background	Phosphatidylinositol 3-kinases (PI3Ks) phosphorylate the inositol ring of phosphatidylinositol at the 3-prime position, and play important roles in cell growth, proliferation, differentiation, motility, survival and intracellular trafficking. The PI3Ks are divided into three classes: I, II and III, and only the class I PI3Ks are involved in oncogenesis. This gene encodes the 101 kD regulatory subunit of the class I PI3K gamma complex, which is a dimeric enzyme, consisting of a 110 kD catalytic subunit gamma and a regulatory subunit of either 55, 87 or 101 kD. This protein recruits the catalytic subunit from the cytosol to the plasma membrane through high-affinity interaction with G-beta-gamma proteins. Multiple alternatively spliced transcript variants encoding two distinct isoforms have been found. [provided by RefSeq, Oct 2011],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Nanjing BYabscience technology Co.,Ltd

网址: www.njbybio.com 官方热线: 025-5229-8998 监督电话: 15950492658