



TSC2 (Phospho Ser1254) mouse mAb

Catalog No BYmab-00290 Isotype IgG Reactivity Human;Mouse;Rat Applications WB Gene Name TSC2 TSC4 Protein Name TSC2 (Phospho Ser1254) Immunogen Synthesized peptide derived from human TSC2 (Phospho Ser1254) Specificity This antibody detects endogenous levels of Human,Mouse,Rat TSC2 (Phospho Ser1254) 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 Tuberin (Tuberous sclerosis 2 protein) Observed Band 73kD Cell Pathway Cytoplasm. Membrane; Peripheral membrane protein. At steady state found in association with membranes. Tissue Specificity Liver, brain, heart, lymphocytes, fibroblasts, biliary epithelium, pancreas, skeletal muscle, kidney, lung and placenta. Function embryonic epithelial tube formation,		
Reactivity Human; Mouse; Rat Applications WB Gene Name TSC2 TSC4 Protein Name TSC2 (Phospho Ser1254) Immunogen Synthesized peptide derived from human TSC2 (Phospho Ser1254) Specificity This antibody detects endogenous levels of Human, Mouse, Rat TSC2 (Phospho Ser1254) 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 Tuberin (Tuberous sclerosis 2 protein) Observed Band 73kD Cell Pathway Cytoplasm. Membrane; Peripheral membrane protein. At steady state found in association with membranes. Liver, brain, heart, lymphocytes, fibroblasts, biliary epithelium, pancreas, skeletal muscle, kidney, lung and placenta. Function embryonic epithelial tube formation, neural tube formation, neural tube closure, regulation of cell-matrix adhesion, morphogenesis of an epithelium, acute inflammatory response, protein complex assembly, negative regulation of protein transport, endocytosis, nucleocytoplasmic transport, chemotaxis, defense response, inflammatory response, entlamentary response, protein insport into nucleus isgnaling pathway, irtransmembrane receptor protein insport isgnaling pathway, irtransmembrane receptor protein insportin kinase acation, negative	Catalog No	BYmab-00290
Applications Gene Name TSC2 TSC4 Protein Name TSC2 (Phospho Ser1254) Immunogen Synthesized peptide derived from human TSC2 (Phospho Ser1254) Specificity This antibody detects endogenous levels of Human,Mouse,Rat TSC2 (Phospho Ser1254) 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 Tuberin (Tuberous sclerosis 2 protein) Observed Band 73kD Cell Pathway Cytoplasm. Membrane; Peripheral membrane protein. At steady state found in association with membranes. Liver, brain, heart, lymphocytes, fibroblasts, biliary epithelium, pancreas, skeletal muscle, kidney, lung and placenta. Function embryonic epithelial tube formation, neural tube formation, neural tube closure, regulation of cell-matrix adhesion, morphogenesis of an epithelium, acute inflammatory response, protein complex assembly, negative regulation of protein transport, endocytosis, nucleocytoplasmic transport, chemotaxis, defense response, acute-phase response, inflammatory response, cell surface receptor linked signal transduction, enzyme linked receptor protein signaling pathway, intransembrane receptor protein fivoraie kinases signaling pathway, intransembrane receptor protein fivoraien longative	Isotype	IgG
Gene Name TSC2 TSC4 Protein Name TSC2 (Phospho Ser1254) Immunogen Synthesized peptide derived from human TSC2 (Phospho Ser1254) Specificity This antibody detects endogenous levels of Human,Mouse,Rat TSC2 (Phospho Ser1254) 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 Tuberin (Tuberous sclerosis 2 protein) Observed Band 73kD Cell Pathway Cytoplasm. Membrane; Peripheral membrane protein. At steady state found in association with membranes. Tissue Specificity Liver, brain, heart, lymphocytes, fibroblasts, biliary epithelium, pancreas, skeletal muscle, kidney, lung and placenta. Function embryonic epithelial tube formation, neural tube formation, neural tube closure, regulation of cell-matrix adhesion,morphogenesis of an epithelium, acute inflammatory response, protein complex assembly, negative regulation of protein kinase activity, protein targeting, protein in protein intracellular protein transport, chemotaxis, defense response, acute-phase response, inflammatory response, cell surface receptor linked signal transduction, enzyme linked receptor protein tyrosine kinase activity, protein localization, negative development, behavior, locomotory behavior, protein localization, negative	Reactivity	Human;Mouse;Rat
Protein Name TSC2 (Phospho Ser1254) Immunogen Synthesized peptide derived from human TSC2 (Phospho Ser1254) Specificity This antibody detects endogenous levels of Human,Mouse,Rat TSC2 (Phospho Ser1254) 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 Tuberin (Tuberous sclerosis 2 protein) Observed Band 73kD Cell Pathway Cytoplasm. Membrane; Peripheral membrane protein. At steady state found in association with membranes. Tissue Specificity Liver, brain, heart, lymphocytes, fibroblasts, biliary epithelium, pancreas, skeletal muscle, kidney, lung and placenta. Function embryonic epithelial tube formation, neural tube formation, neural tube closure, regulation of cell-matrix adhesion, morphogenesis of an epithelium, acute inflammatory response, protein complex assembly, negative regulation of protein kinase activity, protein largeting, protein import into nucleus, intracellular protein kinase activity, protein largeting, protein import into nucleus, intracellular protein kinase activity, protein targeting, protein import into nucleus, intracellular protein linked signal transduction, enzyme linked receptor protein kinase signaling pathway, transmembrane receptor protein tryonsine kinase signaling pathway, transmembrane receptor protein kinase cascade, heart development, behavior, protein kinase cascade, heart	Applications	WB
Immunogen Synthesized peptide derived from human TSC2 (Phospho Ser1254) Specificity This antibody detects endogenous levels of Human,Mouse,Rat TSC2 (Phospho Ser1254) 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 Tuberin (Tuberous sclerosis 2 protein) Observed Band 73kD Cell Pathway Cytoplasm. Membrane; Peripheral membrane protein. At steady state found in association with membranes. Tissue Specificity Liver, brain, heart, lymphocytes, fibroblasts, biliary epithelium, pancreas, skeletal muscle, kidney, lung and placenta. Function embryonic epithelial tube formation, neural tube formation, neural tube closure, regulation of cell-matrix adhesion, morphogenesis of an epithelium, acute inflammatory response, protein complex assembly, negative regulation of protein kinase activity, protein largeting, protein import into nucleus, intracellular protein kinase activity, protein largeting, protein import into nucleus, intracellular protein kinase activity, protein planethray, transmembrane receptor protein tyrosine k	Gene Name	TSC2 TSC4
Specificity This antibody detects endogenous levels of Human,Mouse,Rat TSC2 (Phospho Ser1254) 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 Tuberin (Tuberous sclerosis 2 protein) Observed Band 73kD Cell Pathway Cytoplasm. Membrane; Peripheral membrane protein. At steady state found in association with membranes. Tissue Specificity Liver, brain, heart, lymphocytes, fibroblasts, biliary epithelium, pancreas, skeletal muscle, kidney, lung and placenta. Function embryonic epithelial tube formation, neural tube formation, neural tube closure, regulation of cell-matrix adhesion, morphogenesis of an epithelium, acute inflammatory response, protein complex assembly, negative regulation of protein transport, endocytoplasmic transport, endocytopiss, nucleocytoplasmic transport, endocytopiss, nucleocytopismic transport, endocytopiss, nucleocytopismic transport, endocytopismic pathway, intracellular protein inflammatory response, cell surface receptor linked signal transduction, enzyme linked receptor protein signaling pathway, intracellular signaling cascade, protein kinase casique, heart development, behavior, protein complexion, negative	Protein Name	TSC2 (Phospho Ser1254)
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 Tuberin (Tuberous sclerosis 2 protein) Observed Band 73kD Cell Pathway Cytoplasm. Membrane; Peripheral membrane protein. At steady state found in association with membranes. Tissue Specificity Liver, brain, heart, lymphocytes, fibroblasts, biliary epithelium, pancreas, skeletal muscle, kidney, lung and placenta. Function embryonic epithelial tube formation, neural tube formation, neural tube closure, regulation of cell-matrix adhesion, morphogenesis of an epithelium, acute inflammatory response, protein complex assembly, negative regulation of protein kinase activity, protein targeting, protein import into nucleus, intracellular protein transport, endocytosis, nucleocytoplasmic transport, chemotasis, defense response, acute-phase response, inflammatory response, cell surface receptor linked signal transduction, enzyme linked receptor protein signaling pathway, transmembrane receptor protein tyrosine kinase signaling pathway, intracellular signaling cascade, protein kinase cascade, heart development, behavior, locomotory behavior, protein localization, negative	Immunogen	Synthesized peptide derived from human TSC2 (Phospho Ser1254)
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 Tuberin (Tuberous sclerosis 2 protein) Observed Band 73kD Cell Pathway Cytoplasm. Membrane; Peripheral membrane protein. At steady state found in association with membranes. Tissue Specificity Liver, brain, heart, lymphocytes, fibroblasts, biliary epithelium, pancreas, skeletal muscle, kidney, lung and placenta. Function embryonic epithelial tube formation, neural tube closure, regulation of cell-matrix adhesion, morphogenesis of an epithelium, acute inflammatory response, protein complex assembly, negative regulation of protein kinase activity, protein targeting, protein import into nucleus, intracellular protein transport, endocytosis, nucleocytoplasmic transport, chemotaxis, defense response, acute-phase response, inflammatory response, cell surface receptor linked signal transduction, enzyme linked receptor protein kinase cascade, heart development, behavior, locomotory behavior, protein kinase cascade, heart development, behavior, locomotory behavior, protein localization, negative	Specificity	This antibody detects endogenous levels of Human, Mouse, Rat TSC2 (Phospho Ser1254)
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 Tuberin (Tuberous sclerosis 2 protein) Observed Band 73kD Cell Pathway Cytoplasm. Membrane; Peripheral membrane protein. At steady state found in association with membranes. Tissue Specificity Liver, brain, heart, lymphocytes, fibroblasts, biliary epithelium, pancreas, skeletal muscle, kidney, lung and placenta. Function embryonic epithelial tube formation, neural tube formation, neural tube closure, regulation of cell-matrix adhesion,morphogenesis of an epithelium, acute inflammatory response, protein complex assembly, negative regulation of protein kinase activity, protein targeting, protein import into nucleus, intracellular protein transport, endocytosis,nucleocytoplasmic transport, chemotaxis, defense response, acute-phase response, inflammatory response, cell surface receptor linked signal transduction, enzyme linked receptor protein signaling pathway, transmembrane receptor protein tyrosine kinase signaling pathway, intracellular signaling cascade, protein kinase cascade, heart development, behavior, locomotory behavior, protein localization, negative	Formulation	,
affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Tuberin (Tuberous sclerosis 2 protein) Observed Band 73kD Cell Pathway Cytoplasm. Membrane; Peripheral membrane protein. At steady state found in association with membranes. Tissue Specificity Liver, brain, heart, lymphocytes, fibroblasts, biliary epithelium, pancreas, skeletal muscle, kidney, lung and placenta. Function embryonic epithelial tube formation, neural tube formation, neural tube closure, regulation of cell-matrix adhesion,morphogenesis of an epithelium, acute inflammatory response, protein complex assembly, negative regulation of protein kinase activity, protein targeting, protein import into nucleus, infracellular protein transport, endocytosis, nucleocytoplasmic transport, chemotaxis, defense response, acute-phase response, inflammatory response, cell surface receptor linked signal transduction, enzyme linked receptor protein signaling pathway, transmembrane receptor protein tyrosine kinase signaling pathway, intracellular signaling cascade, protein kinase cascade, heart development, behavior, locomotory behavior, protein localization, negative	Source	Monoclonal, Mouse,IgG
Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Tuberin (Tuberous sclerosis 2 protein) Observed Band 73kD Cell Pathway Cytoplasm. Membrane; Peripheral membrane protein. At steady state found in association with membranes. Tissue Specificity Liver, brain, heart, lymphocytes, fibroblasts, biliary epithelium, pancreas, skeletal muscle, kidney, lung and placenta. Function embryonic epithelial tube formation, neural tube formation, neural tube closure, regulation of cell-matrix adhesion, morphogenesis of an epithelium, acute inflammatory response, protein complex assembly, negative regulation of protein kinase activity, protein targeting, protein import into nucleus, intracellular protein transport, endocytosis, nucleocytoplasmic transport, chemotaxis, defense response, acute-phase response, inflammatory response, cell surface receptor linked signal transduction, enzyme linked receptor protein signaling pathway, intracellular signaling cascade, protein kinase cascade, heart development, behavior, locomotory behavior, protein localization, negative	Purification	·
Purity ≥90% Storage Stability -20°C/1 year Synonyms Tuberin (Tuberous sclerosis 2 protein) Observed Band 73kD Cell Pathway Cytoplasm. Membrane; Peripheral membrane protein. At steady state found in association with membranes. Tissue Specificity Liver, brain, heart, lymphocytes, fibroblasts, biliary epithelium, pancreas, skeletal muscle, kidney, lung and placenta. Function embryonic epithelial tube formation, neural tube formation, neural tube closure, regulation of cell-matrix adhesion,morphogenesis of an epithelium, acute inflammatory response, protein complex assembly, negative regulation of protein kinase activity, protein targeting, protein import into nucleus, intracellular protein transport, endocytosis, nucleocytoplasmic transport, chemotaxis, defense response, acute-phase response, inflammatory response, cell surface receptor linked signal transduction, enzyme linked receptor protein signaling pathway, transmembrane receptor protein tyrosine kinase signaling pathway, intracellular signaling cascade, protein kinase cascade, heart development, behavior, locomotory behavior, protein localization, negative	Dilution	WB 1:500-2000
Synonyms Tuberin (Tuberous sclerosis 2 protein) Observed Band 73kD Cell Pathway Cytoplasm. Membrane; Peripheral membrane protein. At steady state found in association with membranes. Liver, brain, heart, lymphocytes, fibroblasts, biliary epithelium, pancreas, skeletal muscle, kidney, lung and placenta. Function embryonic epithelial tube formation, neural tube formation, neural tube closure, regulation of cell-matrix adhesion,morphogenesis of an epithelium, acute inflammatory response, protein complex assembly, negative regulation of protein kinase activity, protein targeting, protein import into nucleus, intracellular protein transport, endocytosis, nucleocytoplasmic transport, chemotaxis, defense response, acute-phase response, inflammatory response, cell surface receptor linked signal transduction, enzyme linked receptor protein signaling pathway, transmembrane receptor protein tyrosine kinase signaling pathway, intracellular signaling cascade, protein kinase cascade, heart development, behavior, locomotory behavior, protein localization, negative	Concentration	1 mg/ml
Synonyms Tuberin (Tuberous sclerosis 2 protein) Observed Band 73kD Cell Pathway Cytoplasm. Membrane; Peripheral membrane protein. At steady state found in association with membranes. Tissue Specificity Liver, brain, heart, lymphocytes, fibroblasts, biliary epithelium, pancreas, skeletal muscle, kidney, lung and placenta. Function embryonic epithelial tube formation, neural tube formation, neural tube closure, regulation of cell-matrix adhesion,morphogenesis of an epithelium, acute inflammatory response, protein complex assembly, negative regulation of protein kinase activity, protein targeting, protein import into nucleus, intracellular protein transport, endocytosis, nucleocytoplasmic transport, chemotaxis, defense response, acute-phase response, inflammatory response, cell surface receptor linked signal transduction, enzyme linked receptor protein signaling pathway, intracellular signaling cascade, protein kinase cascade, heart development, behavior, locomotory behavior, protein localization, negative	Purity	≥90%
Cell Pathway Cytoplasm. Membrane; Peripheral membrane protein. At steady state found in association with membranes. Liver, brain, heart, lymphocytes, fibroblasts, biliary epithelium, pancreas, skeletal muscle, kidney, lung and placenta. Function embryonic epithelial tube formation, neural tube formation, neural tube closure, regulation of cell-matrix adhesion,morphogenesis of an epithelium, acute inflammatory response, protein complex assembly, negative regulation of protein kinase activity, protein targeting, protein import into nucleus, intracellular protein transport, endocytosis, nucleocytoplasmic transport, chemotaxis, defense response, acute-phase response, inflammatory response, cell surface receptor linked signal transduction, enzyme linked receptor protein signaling pathway, intracellular signaling cascade, protein kinase cascade, heart development, behavior, locomotory behavior, protein localization, negative	Storage Stability	-20°C/1 year
Cell Pathway Cytoplasm. Membrane; Peripheral membrane protein. At steady state found in association with membranes. Liver, brain, heart, lymphocytes, fibroblasts, biliary epithelium, pancreas, skeletal muscle, kidney, lung and placenta. embryonic epithelial tube formation, neural tube formation, neural tube closure, regulation of cell-matrix adhesion,morphogenesis of an epithelium, acute inflammatory response, protein complex assembly, negative regulation of protein kinase activity, protein targeting, protein import into nucleus, intracellular protein transport, endocytosis, nucleocytoplasmic transport, chemotaxis, defense response, acute-phase response, inflammatory response, cell surface receptor linked signal transduction, enzyme linked receptor protein signaling pathway, transmembrane receptor protein tyrosine kinase signaling pathway, intracellular signaling cascade, protein kinase cascade, heart development, behavior, locomotory behavior, protein localization, negative	Synonyms	Tuberin (Tuberous sclerosis 2 protein)
Tissue Specificity Liver, brain, heart, lymphocytes, fibroblasts, biliary epithelium, pancreas, skeletal muscle, kidney, lung and placenta. embryonic epithelial tube formation, neural tube formation, neural tube closure, regulation of cell-matrix adhesion,morphogenesis of an epithelium, acute inflammatory response, protein complex assembly, negative regulation of protein kinase activity, protein targeting, protein import into nucleus, intracellular protein transport, endocytosis,nucleocytoplasmic transport, chemotaxis, defense response, acute-phase response, inflammatory response, cell surface receptor linked signal transduction, enzyme linked receptor protein signaling pathway, transmembrane receptor protein tyrosine kinase signaling pathway, intracellular signaling cascade, protein kinase cascade, heart development, behavior, locomotory behavior, protein localization, negative	Observed Band	73kD
Function embryonic epithelial tube formation, neural tube formation, neural tube closure, regulation of cell-matrix adhesion,morphogenesis of an epithelium, acute inflammatory response, protein complex assembly, negative regulation of protein kinase activity, protein targeting, protein import into nucleus, intracellular protein transport, endocytosis,nucleocytoplasmic transport, chemotaxis, defense response, acute-phase response, inflammatory response, cell surface receptor linked signal transduction, enzyme linked receptor protein signaling pathway, transmembrane receptor protein tyrosine kinase signaling pathway, intracellular signaling cascade, protein kinase cascade, heart development, behavior, locomotory behavior, protein localization, negative	Cell Pathway	Cytoplasm. Membrane; Peripheral membrane protein. At steady state found in association with membranes.
closure, regulation of cell-matrix adhesion, morphogenesis of an epithelium, acute inflammatory response, protein complex assembly, negative regulation of protein kinase activity, protein targeting, protein import into nucleus, intracellular protein transport, endocytosis, nucleocytoplasmic transport, chemotaxis, defense response, acute-phase response, inflammatory response, cell surface receptor linked signal transduction, enzyme linked receptor protein signaling pathway, transmembrane receptor protein tyrosine kinase signaling pathway, intracellular signaling cascade, protein kinase cascade, heart development, behavior, locomotory behavior, protein localization, negative	Tissue Specificity	Liver, brain, heart, lymphocytes, fibroblasts, biliary epithelium, pancreas, skeletal muscle, kidney, lung and placenta.
	Function	closure, regulation of cell-matrix adhesion, morphogenesis of an epithelium, acute inflammatory response, protein complex assembly, negative regulation of protein kinase activity, protein targeting, protein import into nucleus, intracellular protein transport, endocytosis, nucleocytoplasmic transport, chemotaxis, defense response, acute-phase response, inflammatory response, cell surface receptor linked signal transduction, enzyme linked receptor protein signaling pathway, transmembrane receptor protein tyrosine kinase signaling pathway, intracellular signaling cascade, protein kinase cascade, heart development, behavior, locomotory behavior, protein localization, negative

Nanjing BYabscience technology Co.,Ltd

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



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



wounding, embryonic development ending in birth or egg hatching, negative reg

Background

alternative products:Additional isoforms seem to exist. Experimental confirmation may be lacking for some isoforms, disease: Defects in TSC2 are a cause of lymphangioleiomyomatosis (LAM) [MIM:606690]. LAM is a progressive and often fatal lung disease characterized by a diffuse proliferation of abnormal smooth muscle cells in the lungs. It affects almost exclusively young women and can occur as an isolated disorder or in association with tuberous sclerosis complex., disease: Defects in TSC2 are the cause of tuberous sclerosis complex (TSC) [MIM:191100]. The molecular basis of TSC is a functional impairment of the tuberin-hamartin complex. TSC is an autosomal dominant multi-system disorder that affects especially the brain, kidneys, heart, and skin. TSC is characterized by hamartomas (benign overgrowths predominantly of a cell or tissue type that occurs normally in the organ) and hamartias (developmental abnormalities of tissue combination). Clinical symptoms can range from benign hypopigmented macules of the skin to profound mental retardation with intractable seizures to premature death from a variety of disease-associated causes.,function:Implicated as a tumor suppressor. May have a function in vesicular transport, but may also play a role in the regulation of cell growth arrest and in the regulation of transcription mediated by steroid receptors. Interaction between TSC1 and TSC2 may facilitate vesicular docking. Specifically stimulates the intrinsic GTPase activity of the Ras-related protein RAP1A and RAB5. Suggesting a possible mechanism for its role in regulating cellular growth. Mutations in TSC2 leads to constitutive activation of RAP1A in tumors.,online information:TSC2 mutation db,PTM:Phosphorylation at Ser-1387, Ser-1418 or Ser-1420 does not affect interaction with TSC1., similarity: Contains 1 Rap-GAP domain., subcellular location: At steady state found in association with membranes., subunit: Interacts with TSC1 and HERC1; the interaction with TSC1 stabilizes TSC2 and prevents the interaction with HERC1. May also interact with the adapter molecule RABEP1. The final with HERC1 and HERC2 and RABEP1 linked to RAB5 (Probable). Interacts with HSPA1 and HSPA8., tissue specificity: Liver, brain, heart, lymphocytes, fibroblasts, biliary epithelium, pancreas, skeletal muscle, kidney, lung and placenta.,

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