



Calpain 12 Monoclonal Antibody

CAPN12. AA range:221-270 Specificity Calpain 12 Monoclonal Antibody detects endogenous levels of Calpain 12 protections. Calpain 12 protections of Calpain 12 protections of Calpain 12 protections. 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 CAPN12; Calpain-12; Calcium-activated neutral proteinase 12; CANP 12 Observed Band 80kD Cell Pathway intracellular, cytoplasm, Tissue Specificity Thalamus, catalytic activity: Broad endopeptidase specificity, function: Calcium-regulated non-lysosomal thiol-protease, similarity: Belongs to the peptidase C2 family, similarity: Contains 1 calpain catalytic domain., similarity: Contains 1 talpain catalytic domain., similarity: Contains 1 EF-hand domain. Background The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous enzymes consi of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes a member of the calpain large		
Reactivity Human;Rat;Mouse; Applications WB Gene Name CAPN12 Protein Name Calpain-12 Immunogen The antiserum was produced against synthesized peptide derived from human CAPN12. AA range:221-270 Specificity Calpain 12 Monoclonal Antibody detects endogenous levels of Calpain 12 protest of Calpain 12 prot	Catalog No	BYmab-02522
Applications WB Gene Name CAPN12 Protein Name Calpain-12 Immunogen The antiserum was produced against synthesized peptide derived from human CAPN12. AA range:221-270 Specificity Calpain 12 Monoclonal Antibody detects endogenous levels of Calpain 12 prote 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 CAPN12; Calpain-12; Calcium-activated neutral proteinase 12; CANP 12 Observed Band 80kD Cell Pathway intracellular, cytoplasm, Tissue Specificity Thalamus, Catalytic activity:Broad endopeptidase specificity.,function:Calcium-regulated non-lysosomal thiol-protease, similarity:Belongs to the peptidase C2 family, similarity:Contains 1 calpain catalytic domain, similarity:Contains 1 EF-hand domain, The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consi of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes a member of the calpain large	Isotype	IgG
Gene Name CAPN12 Immunogen The antiserum was produced against synthesized peptide derived from human CAPN12. AA range:221-270 Specificity Calpain 12 Monoclonal Antibody detects endogenous levels of Calpain 12 protest promulation 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 CAPN12; Calpain-12; Calcium-activated neutral proteinase 12; CANP 12 Observed Band 80kD Cell Pathway intracellular, cytoplasm, Tissue Specificity Thalamus, Catalytic activity: Broad endopeptidase specificity, function: Calcium-regulated non-lysosomal thiol-protease., similarity: Belongs to the peptidase C2 family, similarity: Contains 1 calpain catalytic domain., similarity: Contains 1 EF-hand domain., Background The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The Ubiquitous enzymes consi of heterodimers with distinct large, catalytic subunits associated with a common small, requilatory subunit. This gene encodes a member of the calpain large	Reactivity	Human;Rat;Mouse;
Protein Name Calpain-12 Immunogen The antiserum was produced against synthesized peptide derived from human CAPN12. AA range:221-270 Specificity Calpain 12 Monoclonal Antibody detects endogenous levels of Calpain 12 proteins. 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 CAPN12; Calpain-12; Calcium-activated neutral proteinase 12; CANP 12 Observed Band 80kD Cell Pathway intracellular, cytoplasm, Tissue Specificity Thalamus, Function catalytic activity: Broad endopeptidase specificity, function: Calcium-regulated non-lysosomal thiol-protease, similarity: Belongs to the peptidase C2 family, similarity: Contains 1 calpain catalytic domain, similarity: Contains 1 EF-hand domain, similarity: Contains 1 calpain catalytic domain, similarity: Contains 1 calpains include ubiquitous enzymes consi of heterodimers with distinct large, catalytic subunits associated with a commos mall, regulatory subunit. This gene encodes a member of the calpain large	Applications	WB
Immunogen The antiserum was produced against synthesized peptide derived from human CAPN12. AA range:221-270 Specificity Calpain 12 Monoclonal Antibody detects endogenous levels of Calpain 12 protest 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 CAPN12; Calpain-12; Calcium-activated neutral proteinase 12; CANP 12 Observed Band 80kD Cell Pathway intracellular, cytoplasm, Tissue Specificity Thalamus, Function catalytic activity: Broad endopeptidase specificity., function: Calcium-regulated non-lysosomal thiol-protease, similarity: Belongs to the peptidase C2 family, similarity: Contains 1 calpain catalytic domain., similarity: Contains 1 EF-hand domain., Background The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consi of heterodimers with distinct large, catalytic subunits associated with a commo small, regulatory subunit. This gene encodes a member of the calpain large	Gene Name	CAPN12
CAPN12. AA range:221-270 Specificity Calpain 12 Monoclonal Antibody detects endogenous levels of Calpain 12 protections. Calpain 12 protections of Calpain 12 protections of Calpain 12 protections. 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 CAPN12; Calpain-12; Calcium-activated neutral proteinase 12; CANP 12 Observed Band 80kD Cell Pathway intracellular, cytoplasm, Tissue Specificity Thalamus, catalytic activity: Broad endopeptidase specificity, function: Calcium-regulated non-lysosomal thiol-protease, similarity: Belongs to the peptidase C2 family, similarity: Contains 1 calpain catalytic domain., similarity: Contains 1 EF-hand domain. Background The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cycleine proteases. The mammalian calpains include ubiquitous enzymes consi of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes a member of the calpain large	Protein Name	Calpain-12
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 CAPN12; Calpain-12; Calcium-activated neutral proteinase 12; CANP 12 Observed Band 80kD Cell Pathway intracellular, cytoplasm, Tissue Specificity Thalamus, Function catalytic activity: Broad endopeptidase specificity, function: Calcium-regulated non-lysosomal thiol-protease, similarity: Belongs to the peptidase C2 family, similarity: Contains 1 calpain catalytic domain., similarity: Contains 1 EF-hand domain., Background The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consi of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes a member of the calpain large	Immunogen	The antiserum was produced against synthesized peptide derived from human CAPN12. AA range:221-270
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 CAPN12; Calpain-12; Calcium-activated neutral proteinase 12; CANP 12 Observed Band 80kD Cell Pathway intracellular,cytoplasm, Tissue Specificity Thalamus, Function catalytic activity:Broad endopeptidase specificity, function:Calcium-regulated non-lysosomal thiol-protease, similarity:Belongs to the peptidase C2 family, similarity:Contains 1 calpain catalytic domain., similarity:Contains 1 EF-hand domain. Background The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consi of heterodimers with distinct large, catalytic subunità associated with a common small, regulatory subunit. This gene encodes a member of the calpain large	Specificity	Calpain 12 Monoclonal Antibody detects endogenous levels of Calpain 12 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 CAPN12; Calpain-12; Calcium-activated neutral proteinase 12; CANP 12 Observed Band 80kD Cell Pathway intracellular,cytoplasm, Tissue Specificity Thalamus, Function catalytic activity:Broad endopeptidase specificity, function:Calcium-regulated non-lysosomal thiol-protease.,similarity:Belongs to the peptidase C2 family, similarity:Contains 1 calpain catalytic domain.,similarity:Contains 1 EF-hand domain., Background The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consi of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes a member of the calpain large	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 CAPN12; Calpain-12; Calcium-activated neutral proteinase 12; CANP 12 Observed Band 80kD Cell Pathway intracellular,cytoplasm, Tissue Specificity Thalamus, Function catalytic activity:Broad endopeptidase specificity, function:Calcium-regulated non-lysosomal thiol-protease.,similarity:Belongs to the peptidase C2 family, similarity:Contains 1 calpain catalytic domain.,similarity:Contains 1 EF-hand domain., Background The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consi of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes a member of the calpain large	Source	Monoclonal, Mouse,IgG
Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms CAPN12; Calpain-12; Calcium-activated neutral proteinase 12; CANP 12 Observed Band 80kD Cell Pathway intracellular,cytoplasm, Tissue Specificity Thalamus, Function catalytic activity:Broad endopeptidase specificity.,function:Calcium-regulated non-lysosomal thiol-protease.,similarity:Belongs to the peptidase C2 family.,similarity:Contains 1 calpain catalytic domain.,similarity:Contains 1 EF-hand domain., Background The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consis of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes a member of the calpain large	Purification	
Purity ≥90% Storage Stability -20°C/1 year Synonyms CAPN12; Calpain-12; Calcium-activated neutral proteinase 12; CANP 12 Observed Band 80kD Cell Pathway intracellular,cytoplasm, Tissue Specificity Thalamus, Function catalytic activity:Broad endopeptidase specificity.,function:Calcium-regulated non-lysosomal thiol-protease.,similarity:Belongs to the peptidase C2 family.,similarity:Contains 1 calpain catalytic domain.,similarity:Contains 1 EF-hand domain., Background The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consist of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes a member of the calpain large	Dilution	WB 1:500-2000
Storage Stability -20°C/1 year CAPN12; Calpain-12; Calcium-activated neutral proteinase 12; CANP 12 Observed Band 80kD Cell Pathway intracellular,cytoplasm, Tissue Specificity Thalamus, catalytic activity:Broad endopeptidase specificity.,function:Calcium-regulated non-lysosomal thiol-protease, similarity:Belongs to the peptidase C2 family.,similarity:Contains 1 calpain catalytic domain.,similarity:Contains 1 EF-hand domain., Background The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consist of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes a member of the calpain large	Concentration	1 mg/ml
Synonyms CAPN12; Calpain-12; Calcium-activated neutral proteinase 12; CANP 12 Observed Band 80kD Cell Pathway intracellular,cytoplasm, Tissue Specificity Thalamus, Function catalytic activity:Broad endopeptidase specificity.,function:Calcium-regulated non-lysosomal thiol-protease.,similarity:Belongs to the peptidase C2 family.,similarity:Contains 1 calpain catalytic domain.,similarity:Contains 1 EF-hand domain., Background The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consist of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes a member of the calpain large	Purity	≥90%
Observed Band Cell Pathway intracellular,cytoplasm, Tissue Specificity Thalamus, catalytic activity:Broad endopeptidase specificity.,function:Calcium-regulated non-lysosomal thiol-protease.,similarity:Belongs to the peptidase C2 family.,similarity:Contains 1 calpain catalytic domain.,similarity:Contains 1 EF-hand domain., The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consist of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes a member of the calpain large	Storage Stability	-20°C/1 year
Cell Pathway intracellular,cytoplasm, Tissue Specificity Thalamus, Function catalytic activity:Broad endopeptidase specificity.,function:Calcium-regulated non-lysosomal thiol-protease.,similarity:Belongs to the peptidase C2 family.,similarity:Contains 1 calpain catalytic domain.,similarity:Contains 1 EF-hand domain., Background The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consist of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes a member of the calpain large	Synonyms	CAPN12; Calpain-12; Calcium-activated neutral proteinase 12; CANP 12
Tissue Specificity Thalamus, catalytic activity:Broad endopeptidase specificity.,function:Calcium-regulated non-lysosomal thiol-protease.,similarity:Belongs to the peptidase C2 family.,similarity:Contains 1 calpain catalytic domain.,similarity:Contains 1 EF-hand domain., Background The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consist of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes a member of the calpain large	Observed Band	80kD
Function catalytic activity:Broad endopeptidase specificity.,function:Calcium-regulated non-lysosomal thiol-protease.,similarity:Belongs to the peptidase C2 family.,similarity:Contains 1 calpain catalytic domain.,similarity:Contains 1 EF-hand domain., The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consist of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes a member of the calpain large	Cell Pathway	intracellular,cytoplasm,
non-lysosomal thiol-protease., similarity: Belongs to the peptidase C2 family., similarity: Contains 1 calpain catalytic domain., similarity: Contains 1 EF-hand domain., Background The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consist of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes a member of the calpain large	Tissue Specificity	Thalamus,
intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consice of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes a member of the calpain large	Function	non-lysosomal thiol-protease.,similarity:Belongs to the peptidase C2 family.,similarity:Contains 1 calpain catalytic domain.,similarity:Contains 1
Sabanic ramily: [provided by refoeq, buil 2012],	Background	intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consist of heterodimers with distinct large, catalytic subunits associated with a common

Nanjing BYabscience technology Co.,Ltd





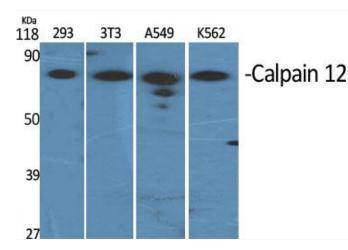
matters needing attention

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



Western Blot analysis of various cells using Calpain 12 Monoclonal Antibody

Nanjing BYabscience technology Co.,Ltd