



p52 S6 kinase Monoclonal Antibody

Catalog No	YP-mAb-14887
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	RPS6KC1
Protein Name	Ribosomal protein S6 kinase delta-1
Immunogen	The antiserum was produced against synthesized peptide derived from human RPS6KC1. AA range:231-280
Specificity	p52 S6 kinase Monoclonal Antibody detects endogenous levels of p52 S6 kinase 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	RPS6KC1; RPK118; Ribosomal protein S6 kinase delta-1; S6K-delta-1; 52 kDa ribosomal protein S6 kinase; Ribosomal S6 kinase-like protein with two PSK domains 118 kDa protein; SPHK1-binding protein
Observed Band	117kD
Cell Pathway	Cytoplasm . Membrane . Early endosome .
Tissue Specificity	Highly expressed in testis, skeletal muscle, brain, heart, placenta, kidney and liver and weakly expressed in thymus, small intestine, lung and colon.
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,caution:Instead of Lys-820, Arg-820 is found at the binding site.,domain:The first protein kinase domain appears to be a pseudokinase domain as it does not contain the classical characteristics, such as the ATP-binding motif, ATP-binding site and active site.,function:May be involved in transmitting sphingosine-1 phosphate (SPP)-mediated signaling into the cell.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. S6 kinase subfamily.,similarity:Contains 1 MIT domain.,similarity:Contains 1 PX (phox homology) domain.,similarity:Contains 2 protein kinase domains.,subcellular location:Also found in some small dot-like or ring-shaped early endosome structures.,subunit:Interacts with SPHK1 and phosphatidylinositol 3-phosphate.,tissue specificity:Highly expressed in testis, skeletal muscle, brain,



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Background

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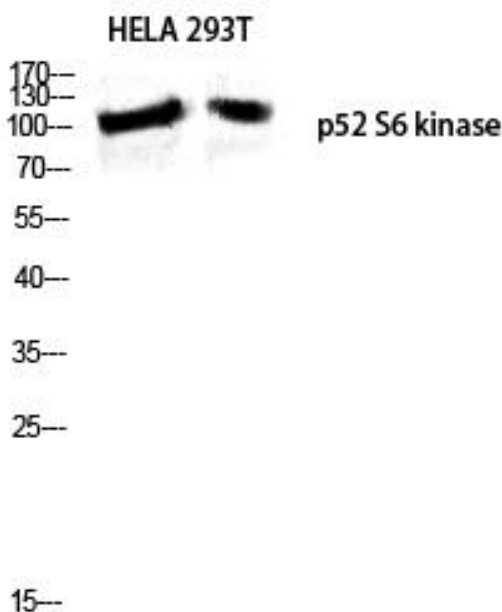
matters needing attention

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 p52 S6 kinase Monoclonal Antibody