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RPS6KC1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12461a

Product Information

Application	WB, IHC-P, E
Primary Accession	Q96S38
Other Accession	Q8BLK9, NP_036556.2, NP_001129610.1
Reactivity	Mouse
Predicted	Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB32280
Calculated MW	118682
Antigen Region	20-47

Additional Information

Gene ID	26750
Other Names	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, RPS6KC1, RPK118
Target/Specificity	This RPS6KC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 20-47 amino acids from the N-terminal region of human RPS6KC1.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	RPS6KC1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	RPS6KC1
Synonyms	RPK118

Function	May be involved in transmitting sphingosine-1 phosphate (SPP)-mediated signaling into the cell (PubMed:12077123). Plays a role in the recruitment of PRDX3 to early endosomes (PubMed:15750338).
Cellular Location	Cytoplasm. Membrane Early endosome
Tissue Location	Highly expressed in testis, skeletal muscle, brain, heart, placenta, kidney and liver and weakly expressed in thymus, small intestine, lung and colon.

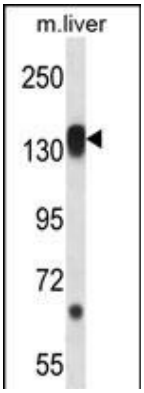
Background

RPS6KC1 may be involved in transmitting sphingosine-1 phosphate (SPP)-mediated signaling into the cell.

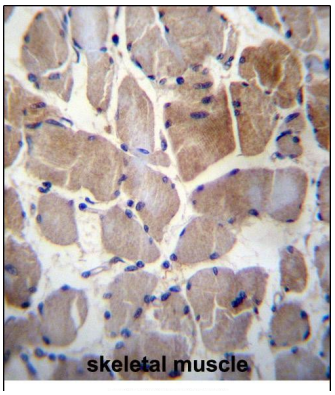
References

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Hayashi, S., et al. J. Biol. Chem. 277(36):33319-33324(2002)

Images



RPS6KC1 Antibody (N-term) (Cat. #AP12461a) western blot analysis in mouse liver tissue lysates (35ug/lane).This demonstrates the RPS6KC1 antibody detected the RPS6KC1 protein (arrow).



RPS6KC1 Antibody (N-term) (Cat. #AP12461a)immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of RPS6KC1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.