

Mouse RPS6KB1 Monoclonal Antibody | anti-RPS6KB1 antibody

RPS6KB1 antibody

CATALOG # AAA108072	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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PRODUCT SYNONYMS

RPS6KB1; Monoclonal Antibody; RPS6KB1 antibody; Monoclonal RPS6KB1; Anti-RPS6KB1; Ribosomal Protein S6 Kinase 70Kda Polypeptide 1; PS6K; S6K; S6K1; STK14A; p70(S6K)-alpha; p70-S6K; p70-alpha; RPSKB1 6; RPSKB1-6; anti-RPS6KB1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	6B2
Purity/Purification	RPS6KB1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	140
Applicable Applications for anti-RPS6KB1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Biological Significance	RPS6KB1 is a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 non-identical kinase catalytic domains and phosphorylates several residues of the S6 ribosomal protein.
Cross-Reactivity	Human, Dog, Monkey, Mouse
Immunogen	RPS6KB1 antibody was raised in mouse using a full length recombinant protein of human RPS6KB1 (NP_003152) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of RPS6KB1 protein in paraffin embedded Human tonsil tissue using RPS6KB1 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant RPS6KB1 protein (Right) or empty vector (Left) detected with RPS6KB1 antibody



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant RPS6KB1 protein using RPS6KB1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-RPS6KB1 antibody	Mouse monoclonal RPS6KB1 antibody
Product Categories/Family for anti-RPS6KB1 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	71052007
NCBI GeneID	6198
Molecular Weight	51,016 Da
NCBI Official Full Name	RPS6KB1 protein
NCBI Official Synonym Full Names	ribosomal protein S6 kinase, 70kDa, polypeptide 1
NCBI Official Symbol	RPS6KB1
NCBI Official Synonym Symbols	S6K; PS6K; S6K1; STK14A; p70-S6K; p70 S6KA; p70-alpha; S6K-beta-1; p70(S6K)-alpha
NCBI Protein Information	ribosomal protein S6 kinase beta-1
UniProt Protein Name	Ribosomal protein S6 kinase beta-1
UniProt Gene Name	RPS6KB1
UniProt Synonym Gene Names	STK14A; S6K-beta-1; S6K1; P70S6K1; p70-S6K 1; p70 S6 kinase alpha; p70 S6K-alpha; p70 S6KA
UniProt Entry Name	KS6B1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/rps6kb1-antibody-clone-6b2-western-blot-immunohistochemistry-immunofluorescence-elisa/108072>