Rabbit anti-Human p70 S6 kinase-T389 Monoclonal Antibody | anti-RPS6KB1 antibody

Phospho-p70 S6 kinase-T389 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283150	**Rabbit**	**Human**	**ELISA, Western Blot**

PRODUCT SYNONYMS

p70 S6 kinase-T389; Monoclonal Antibody; Phospho-p70 S6 kinase-T389 Rabbit mAb; S6K; PS6K; S6K1; STK14A; p70-S6K; p70 S6KA; p70-alpha; S6K-beta-1; p70(S6K)-alpha; Phospho-p70 S6 kinase-T389; anti-RPS6KB1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	LGFTYVA
Applicable Applications for anti-RPS6KB1 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic phosphorylated peptide around T389 of human p70 S6 kinase(NP_003152.1).
Modification	Phospho T389
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES

WB (Western Blot)
Western blot analysis of lysates from C6 cells, using Phospho-p70 S6 kinase-T389 Rabbit mAb (AAA283150) at 1:8000 dilution. C6 cells were treated by ?-PP mixed solution (1ul) at 30? for 30 minutes.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 180s.

WB (Western Blot)
Western blot analysis of lysates from NIH/3T3 cells, using Phospho-p70 S6 kinase-T389 Rabbit mAb (AAA283150) at 1:8000 dilution. NIH/3T3 cells were treated by 20% FBS at 37? for 20 minutes after serum-starvation overnight.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-RPS6KB1 antibody	This gene encodes a member of the ribosomal S6 kinase family of serine/threonine kinases. The encoded protein responds to mTOR (mammalian target of rapamycin) signaling to promote protein synthesis, cell growth, and cell proliferation. Activity of this gene has been associated with human cancer. Alternatively spliced transcript variants have been observed. The use of alternative translation start sites results in isoforms with longer or shorter N-termini which may differ in their subcellular localizations. There are two pseudogenes for this gene on chromosome 17.

Product Categories/Family for anti-RPS6KB1 antibody	Epigenetics Nuclear Signaling; DNA Damage Repair; Translation Control; Regulation of eIF4 and p70 S6 Kinase; Protein phosphorylation; Signal Transduction; Kinase; Serine threonine kinases; PI3K-Akt Signaling Pathway; mTOR Signaling Pathway; ErbB-HER Signa

NCBI AND UNIPROT INFORMATION

NCBI GI #	440546416
NCBI GeneID	6198
NCBI Accession #	NP_001258989.1
NCBI GenBank Nucleotide #	NM_001272060.1
UniProt Accession #	P23443
Molecular Weight	Calculated MW: 59kDa Observed MW: 70kDa
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/p70-s6-kinase-t389-antibody-western-blot-elisa/283150