

Rabbit RPS6KB1 Polyclonal Antibody | anti-RPS6KB1 antibody

Phospho-RPS6KB1 (Thr421) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA243309	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

RPS6KB1; Polyclonal Antibody; Phospho-RPS6KB1 (Thr421) Antibody; KS6B1; P70-S6K; S6K; anti-RPS6KB1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Form/Format	Liquid; Supplied at 1.0mg/mL in Phosphate Buffered Saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol.
Applicable Applications for anti-RPS6KB1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Peptide sequence around phosphorylation site of threonine 421 (P-R-T(p)-P-V) derived from Human p70 S6 Kinase.
Immunogen Species	Human
Conjugate	Non-conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



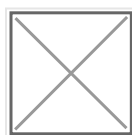
IF (Immunofluorescence)

Immunofluorescence staining of methanol-fixed MCF cells using p70 S6 Kinase(Phospho-Thr421) Antibody.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p70 S6 Kinase(Phospho-Thr421) Antibody(left) or the same antibody preincubated with blocking peptide(right).



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells untreated(lane 1) or treated with GM-CSF(lane 2) using p70 S6 Kinase(Phospho-Thr421) Antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-RPS6KB1 antibody	Cell Biology
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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	59,140 Da
NCBI Official Full Name	ribosomal protein S6 kinase beta-1 isoform e
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; p70 S6 kinase, alpha; ribosomal protein S6 kinase I; serine/threonine kinase 14 alpha; serine/threonine-protein kinase 14A
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/polyclonal/rps6kb1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/243309>