

p70 S6 Kinase Antibody | anti-RPS6KB1 antibody

p70 S6 Kinase (Phospho-Ser424) Antibody

CATALOG # AAA111104	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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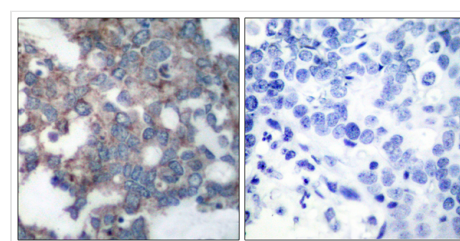
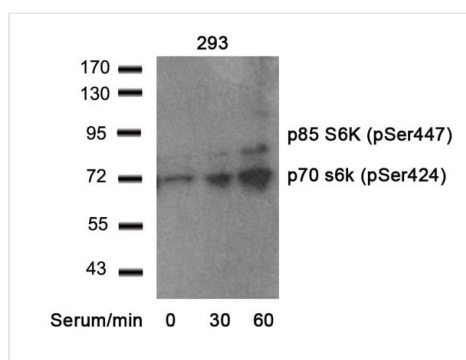
PRODUCT SYNONYMS

p70 S6 Kinase; p70 S6 Kinase (Phospho-Ser424) Antibody; anti-RPS6KB1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	p70 S6 Kinase (phospho-Ser424) antibody detects endogenous levels of p70 S6 Kinase only when phosphorylated at serine 424.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	502
Applicable Applications for anti-RPS6KB1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human p70 S6 Kinase around the phosphorylation site of serine 424 (P-V-SP-P-V).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES


IHC (Immunohistochemistry)

P-Peptide+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p70 S6 Kinase (phospho-Ser424) antibody.

WB (Western Blot)

Western blot analysis of extracts from 293 cells, untreated Western blot analysis of extracts from 293 cells untreated or treated with serum for the indicated times, using p70 S6 Kinase (phospho-Ser424) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-RPS6KB1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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References	Satoru Eguchi et al. (1999) J Biol Chem, Vol. 274: 36843-36851 Papst PJ, et al. (1998) J Biol Chem. 273(24):15077-84. Ulrike Krause et al. (2002) Eur. J. Biochem. 269: 3751-3759 c Le, X.F, et al. (2003) Oncogene 22: 484-97.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	440546395
NCBI GeneID	6198
NCBI Accession #	NP_001258971.1
NCBI GenBank Nucleotide #	NM_001272042.1
UniProt Accession #	P23443; Q7Z721; B2R779; B4DLT4; B4DTG1; E7ESB8; F6UYM1
Molecular Weight	51,016 Da
NCBI Official Full Name	ribosomal protein S6 kinase beta-1 isoform b
NCBI Official Synonym Full Names	ribosomal protein S6 kinase B1
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

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.