

p70 S6 Kinase beta Antibody | anti-p70-S6KB antibody

p70 S6 KinaseBeta (Phospho-Ser423) Antibody

CATALOG # AAA108870	REACTIVITY Human (Identities = 100%, Positives = 100%); Mouse (Identities = 84%, Positives = 92%)	APPLICATIONS ELISA, Western Blot
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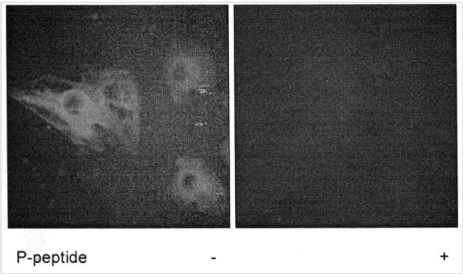
PRODUCT SYNONYMS

p70 S6 Kinase beta; p70 S6 KinaseBeta (Phospho-Ser423) Antibody; 14 beta; 70 kDa ribosomal protein S6 kinase 2; EC 2.7.11.1; kinase p70S6K-beta; KS6B2; p70 ribosomal S6 kinase beta; p70 S6Kbeta; p70-S6KB; p70S6K-beta; Ribosomal protein S6 kinase beta 2; RPS6KB2; S6 kinase-related kinase; S6K-beta 2; S6K2; SRK; STK14B; anti-p70-S6KB antibody

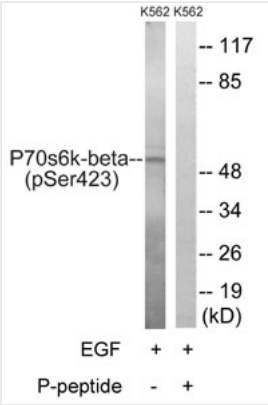
PRODUCT SPECIFICATIONS

Reactivity	Human (Identities = 100%, Positives = 100%); Mouse (Identities = 84%, Positives = 92%)
Specificity	p70 S6 Kinase Beta (Phospho-Ser423) antibody detects endogenous levels of p70 S6 Kinase Beta only when phosphorylated at serine 423.
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	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	482
Applicable Applications for anti-p70-S6KB antibody	ELISA, WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human p70 S6 Kinase beta around the phosphorylation site of serine 423 (P-V-S ^P -P-L).
All Sites	Human: Ser423 Mouse: Ser423
Preparation and Storage	Store at -20 degree C/1 year.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells, using Cytokeratin 8 (Phospho-Ser431) antibody.



WB (Western Blot)
Western blot analysis of extracts from K562 cells, treated with EGF (200ng/ml, 5mins), using p70 S6 Kinase Beta (Phospho-Ser423) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-p70-S6KB antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Gout I., J. Biol. Chem. 273:30061-30064(1998). Saitoh M., Biochem. Biophys. Res. Commun. 253:470-476(1998). Lee-Fruman K.K., Oncogene 18:5108-5114(1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	55953117
NCBI GeneID	6199
NCBI Accession #	NP_003943.2
NCBI GenBank Nucleotide #	NM_003952.2
UniProt Accession #	Q9UBS0; O94809; Q9UEC1; B2RMZ9; B4DML8
NCBI Official Full Name	ribosomal protein S6 kinase beta-2
NCBI Official Synonym Full Names	ribosomal protein S6 kinase B2
NCBI Official Symbol	RPS6KB2
NCBI Official Synonym Symbols	KLS; SRK; S6K2; S6KB; STK14B; S6KI(2); S6Kbeta; p70S6Kb; P70-beta; S6K-beta2; P70-beta-1; P70-beta-2; p70(S6K)-beta
NCBI Protein Information	ribosomal protein S6 kinase beta-2
UniProt Protein Name	Ribosomal protein S6 kinase beta-2
UniProt Gene Name	RPS6KB2
UniProt Synonym Gene Names	STK14B; S6K-beta-2; S6K2; P70S6K2; p70-S6K 2; SRK; S6K-beta; p70 S6 kinase beta; p70 S6K-beta; p70 S6KB; p70-beta

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.