

Rabbit anti-Human, Mouse p70 S6 Kinase beta Polyclonal Antibody | anti-RPS6KB2 antibody

p70 S6 Kinase beta (Phospho-Ser423) Antibody

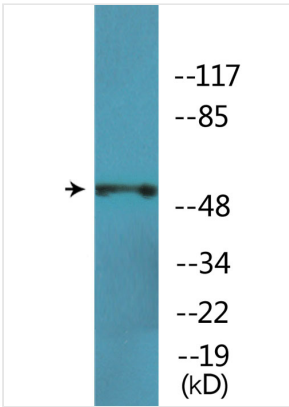
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA318369	Rabbit	Human, Mouse	ELISA, Western Blot

PRODUCT SYNONYMS

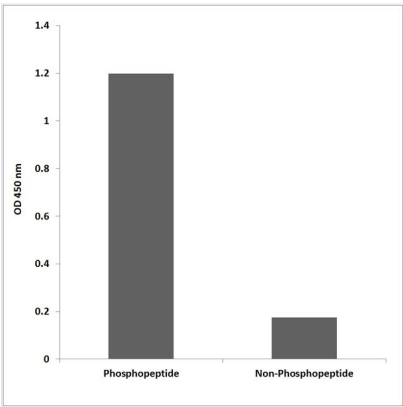
p70 S6 Kinase beta; Polyclonal Antibody; p70 S6 Kinase beta (Phospho-Ser423) Antibody; anti-RPS6KB2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	p70 S6 Kinase beta (Phospho-Ser423) Antibody detects endogenous levels of RPS6KB2 only when phosphorylated at Ser423.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (Phospho-without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	154
Applicable Applications for anti-RPS6KB2 antibody	ELISA, WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S423; M:S423
Immunogen	The antiserum was produced against synthesized phospho-peptide derived from human p70 S6 Kinase beta around the phosphorylation site of Ser423.
Preparation and Storage	Stable at -20 degree C for at least 1 year.



WB (Western Blot)
Western blot analysis of lysates from K562 cells treated with EGF 200ng/ml 5', using p70 S6 Kinase beta (Phospho-Ser423) Antibody.



ELISA
Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using p70 S6 Kinase beta (Phospho-Ser423) Antibody

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
Molecular Weight	53 kDa
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; STK14B; 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.