

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

p70 S6 Kinase beta (Ab-423) Antibody

CATALOG # AAA302559	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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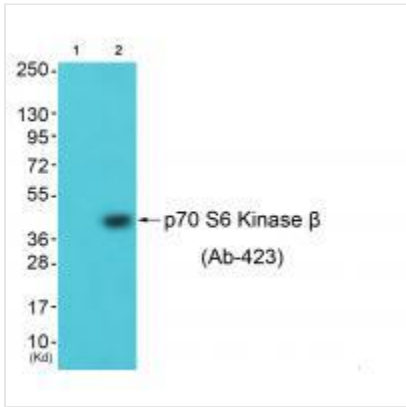
PRODUCT SYNONYMS

p70 S6 Kinase beta; Polyclonal Antibody; p70 S6 Kinase beta (Ab-423) Antibody; p70 S6 Kinase b (Ab-423) Antibody; 14 beta; 70 kDa ribosomal protein S6 kinase 2; EC 2.7.11.1; kinase p70S6K-beta; KS6B2; anti-RPS6KB2 antibody

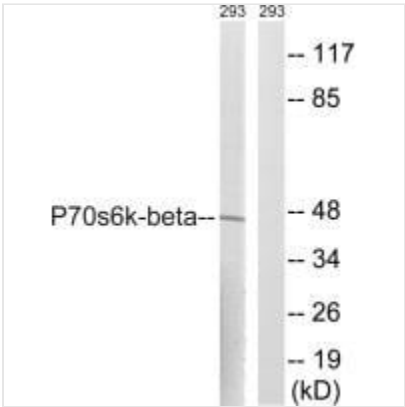
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total p70 S6 Kinase b protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
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	1.0 mg/ml (varies by lot)
Sequence Length	482
Applicable Applications for anti-RPS6KB2 antibody	WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized non-phosphopeptide derived from human p70 S6 Kinase b around the phosphorylation site of serine 423 (P-V-S(p)-P-L).
Target Name	p70 S6 Kinase b
Preparation and Storage	Store at -20 degree C

IMAGES



WB (Western Blot)
Western blot analysis of extracts from 3T3 cells (Lane 2), using p70 S6 Kinase b (Ab-423) antibody. The lane on the left is treated with synthesized peptide.



WB (Western Blot)
Western blot analysis of extracts from 293 cells, using p70 S6 Kinase b (Ab-423) antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RPS6KB2 antibody	Phosphorylates specifically ribosomal protein S6.Gout I.,J. Biol. Chem. 273:30061-30064(1998).The MGC Project Team;Genome Res. 14:2121-2127(2004).Olsen J.V.,Cell 127:635-648(2006).
Product Categories/Family for anti-RPS6KB2 antibody	Total protein Ab

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	16,868 Da
NCBI Official Full Name	ribosomal protein S6 kinase beta-2
NCBI Official Synonym Full Names	ribosomal protein S6 kinase, 70kDa, polypeptide 2
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
UniProt Entry Name	KS6B2_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.