

Rabbit p70 S6 Kinase Polyclonal Antibody | anti-RPS6KB1 antibody

p70 S6 Kinase (Phospho-Ser424) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304155	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

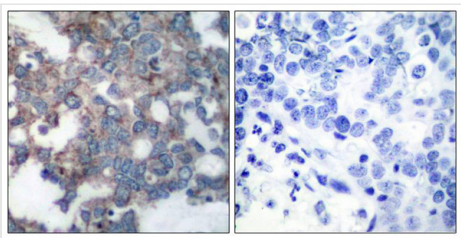
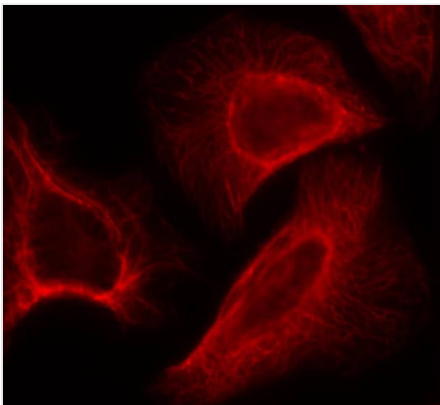
PRODUCT SYNONYMS

p70 S6 Kinase; Polyclonal Antibody; p70 S6 Kinase (Phospho-Ser424) Antibody; KS6B1; P70-S6K; RPS6KB1; S6K; anti-RPS6KB1 antibody

PRODUCT SPECIFICATIONS

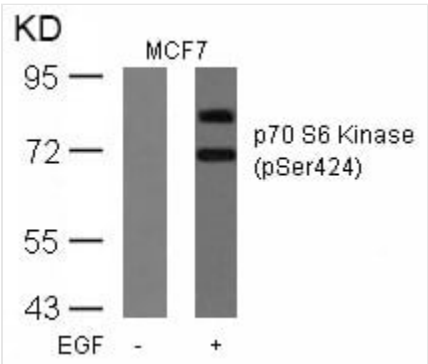
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of p70 S6 Kinase only when phosphorylated at serine 424.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Form/Format	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.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	502
Applicable Applications for anti-RPS6KB1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 424 (P-V-S(p)-P-V) derived from Human p70 S6 Kinase.
Modification	Phospho-Ser424
Target Name	p70 S6 Kinase
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p70 S6 Kinase(Phospho-Ser424) Antibody (left) or the same antibody preincubated with blocking peptide(right).

IF (Immunofluorescence)
Immunofluorescence staining of methanol-fixed HeLa cells showing cytoplasmic, centrosomal and nuclear staining using p70 S6 Kinase(Phospho-Ser424) Antibody.



WB (Western Blot)
Western blot analysis of extracts from MCF cells untreated or treated with EGF using p70 S6 Kinase(Phospho-Ser424) Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RPS6KB1 antibody	Phosphorylates specifically ribosomal protein S6 in response to insulin or several classes of mitogens. Promotes protein synthesis by phosphorylating PDCD4 at 'Ser-67' and targeting it for degradation.
Product Categories/Family for anti-RPS6KB1 antibody	Phospho-specific Ab

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, 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
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/p70-s6-kinase-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/304155>