

RSK2 Monoclonal Antibody | anti-RSK2 antibody

RSK2 Rabbit mAb

CATALOG # AAA314570	HOST Recombinant Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

RSK2; Monoclonal Antibody; RSK2 Rabbit mAb; CLS; RSK; HU-3; MRX19; ISPK-1; p90-RSK2; pp90RSK2; MAPKAP1B; S6K-alpha3; anti-RSK2 antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	S05-6E3
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-RSK2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human Rsk 2/MAPKAP Kinase 1b
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of Rsk 2/MAPKAP Kinase 1b in paraffin-embedded Human lung cancer tissue using Rsk 2/MAPKAP Kinase 1b Rabbit mAb at dilution 1/50



WB (Western Blot)

Western blot detection of Rsk 2/MAPKAP Kinase 1b in CHO-K1, Ramos using Rsk 2/MAPKAP Kinase 1b Rabbit mAb(1:1000 diluted)

ADDITIONAL INFORMATION

Related Product Information for anti-RSK2 antibody	Serine/threonine-protein kinase that acts downstream of ERK (MAPK1/ERK2 and MAPK3/ERK1) signaling and mediates mitogenic and stress-induced activation of the transcription factors CREB1, ETV1/ER81 and NR4A1/NUR77, regulates translation through RPS6 and EIF4B phosphorylation, and mediates cellular proliferation, survival, and differentiation by modulating mTOR signaling and repressing pro-apoptotic function of BAD and DAPK1 (PubMed:9770464, PubMed:16223362, PubMed:17360704, PubMed:16213824).
Product Categories/Family for anti-RSK2 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4759050
NCBI GeneID	6197
NCBI Accession #	NP_004577.1
NCBI GenBank Nucleotide #	NM_004586.2
UniProt Accession #	P51812; Q4VAP3; Q59H26; Q5JPK8; Q7Z3Z7; B2R9V4
Molecular Weight	740
NCBI Official Full Name	ribosomal protein S6 kinase alpha-3
NCBI Official Synonym Full Names	ribosomal protein S6 kinase, 90kDa, polypeptide 3
NCBI Official Symbol	RPS6KA3
NCBI Official Synonym Symbols	CLS; RSK; HU-3; RSK2; MRX19; ISPK-1; p90-RSK2; pp90RSK2; MAPKAPK1B; S6K-alpha3
NCBI Protein Information	ribosomal protein S6 kinase alpha-3; RSK-2; p90-RSK 3; MAPKAPK-1b; S6K-alpha-3; MAPKAP kinase 1b; ribosomal S6 kinase 2; MAPK-activated protein kinase 1b; insulin-stimulated protein kinase 1; MAP kinase-activated protein kinase 1b
UniProt Protein Name	Ribosomal protein S6 kinase alpha-3
UniProt Gene Name	RPS6KA3
UniProt Synonym Gene Names	ISPK1; MAPKAPK1B; RSK2; S6K-alpha-3; p90-RSK 3; p90RSK3; ISPK-1; MAPK-activated protein kinase 1b; MAPKAP kinase 1b; MAPKAPK-1b; RSK-2
UniProt Entry Name	KS6A3_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/monoclonal/rsk2-antibody-clone-s05-6e3-immunohistochemistry-western-blot-elisa/314570>