

Mouse anti-Human, mouse RPS6KA3 Monoclonal Antibody | anti-RPS6KA3 antibody

RPS6KA3 Antibody (Ascites)

CATALOG # AAA283561	HOST Mouse	REACTIVITY Human, mouse	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

RPS6KA3; Monoclonal Antibody; RPS6KA3 Antibody (Ascites); Ribosomal protein S6 kinase alpha-3; S6K-alpha-3; 90 kDa ribosomal protein S6 kinase 3; p90-RSK 3; p90RSK3; Insulin-stimulated protein kinase 1; ISPK-1; MAP kinase-activated protein kinase 1b; MAPK-activated protein kinase 1b; MAPKAP kinase 1b; MAPKAPK-1b; Ribosomal S6 kinase 2; RSK-2; pp90RSK2; ISPK1; MAPKAPK1B; RSK2; anti-RPS6KA3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	356CT10.6.1.2
Specificity	Purified His-tagged RPS6KA3 protein(Fragment) was used to produced this monoclonal antibody.
Form/Format	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.
Sequence Length	740
Applicable Applications for anti-RPS6KA3 antibody	ELISA, WB (Western Blot)
Antigen Type	Recombinant Protein
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

RPS6KA3 Antibody western blot analysis in mouse heart tissue lysates (35ug/lane). This demonstrates the RPS6KA3 antibody detected the RPS6KA3 protein (arrow).



WB (Western Blot)

RPS6KA3 Antibody western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the RPS6KA3 antibody detected the RPS6KA3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-RPS6KA3 antibody	This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 non-identical kinase catalytic domains and phosphorylates various substrates, including members of the mitogen-activated kinase (MAPK) signalling pathway. The activity of this protein has been implicated in controlling cell growth and differentiation. Mutations in this gene have been associated with Coffin-Lowry syndrome (CLS).
Product Categories/Family for anti-RPS6KA3 antibody	Signal Transduction
References	Peng, C., et al. FASEB J. 24(9):3490-3499(2010) Vigneron, S., et al. Oncogene 29(24):3566-3574(2010) Kang, S., et al. J. Clin. Invest. 120(4):1165-1177(2010) Yerges, L.M., et al. J. Bone Miner. Res. 24(12):2039-2049(2009) Doehn, U., et al. Mol. Cell 35(4):511-522(2009)

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	83736
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
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/rps6ka3-antibody-clone-356ct10-6-1-2-western-blot-elisa/283561>