

Mouse anti-Human, mouse RPS6KA1 Monoclonal Antibody | anti-RPS6KA1 antibody

RPS6KA1 Antibody

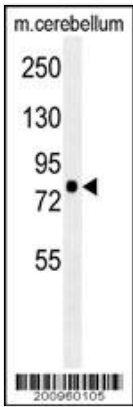
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283537	Mouse	Human, mouse	ELISA, Western Blot

PRODUCT SYNONYMS

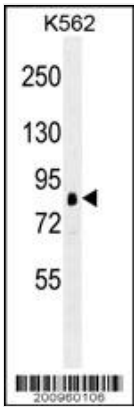
RPS6KA1; Monoclonal Antibody; RPS6KA1 Antibody; Ribosomal protein S6 kinase alpha-1; S6K-alpha-1; 90 kDa ribosomal protein S6 kinase 1; p90-RSK 1; p90RSK1; p90S6K; MAP kinase-activated protein kinase 1a; MAPK-activated protein kinase 1a; MAPKAP kinase 1a; MAPKAPK-1a; Ribosomal S6 kinase 1; RSK-1; MAPKAPK1A; RSK1; anti-RPS6KA1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, mouse
Clonality	Monoclonal
Isotype	IgG1,K
Clone Number	205CT18.3.1
Specificity	This RPS6KA1 monoclonal antibody is generated from mouse immunized with RPS6KA1 recombinant protein.
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	744
Applicable Applications for anti-RPS6KA1 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.



WB (Western Blot)
RPS6KA1 antibody western blot analysis in mouse cerebellum tissue lysates (35ug/lane). This demonstrates the RPS6KA1 antibody detected the RPS6KA1 protein (arrow).



WB (Western Blot)
RPS6KA1 antibody western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the RPS6KA1 antibody detected the RPS6KA1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-RPS6KA1 antibody	This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 nonidentical 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. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
Product Categories/Family for anti-RPS6KA1 antibody	Signal Transduction
References	Bailey, S.D., et al. Diabetes Care (2010) In press : Gao, X., et al. J. Biol. Chem. 285(10):6970-6979(2010) Gao, X., et al. J. Biol. Chem. 284(48):33070-33078(2009) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Doehn, U., et al. Mol. Cell 35(4):511-522(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	55743134
NCBI GeneID	6195
NCBI Accession #	NP_001006666.1; NP_002944.2
NCBI GenBank Nucleotide #	NM_001006665.1
UniProt Accession #	Q15418; Q5SVM5; Q5SVM8; Q5SVM9; Q96C05; Q9BQK2; A6NGG4; A8K9K7; B2RDY8; B7Z5J0; E9PRI4
Molecular Weight	82723
NCBI Official Full Name	ribosomal protein S6 kinase alpha-1 isoform b
NCBI Official Synonym Full Names	ribosomal protein S6 kinase, 90kDa, polypeptide 1
NCBI Official Symbol	RPS6KA1
NCBI Official Synonym Symbols	RSK; HU-1; RSK1; p90Rsk; MAPKAPK1A
NCBI Protein Information	ribosomal protein S6 kinase alpha-1
UniProt Protein Name	Ribosomal protein S6 kinase alpha-1

UniProt Gene Name	RPS6KA1
UniProt Synonym Gene Names	MAPKAPK1A; RSK1; S6K-alpha-1; p90-RSK 1; p90RSK1; p90S6K; MAPK-activated protein kinase 1a; MAPKAP kinase 1a; MAPKAPK-1a; RSK-1
UniProt Entry Name	KS6A1_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/rps6ka1-antibody-clone-205ct18-3-1-western-blot-elisa/283537>