

Rabbit RSK1 p90 Polyclonal Antibody | anti-RPS6KA1 antibody

Anti-RSK1 p90 antibody

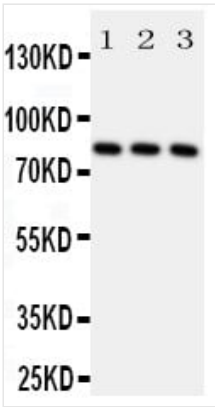
CATALOG # AAA45384	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

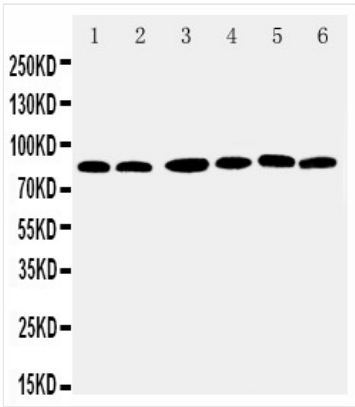
RSK1 p90; Polyclonal Antibody; Anti-RSK1 p90 antibody; Ribosomal protein S6 kinase alpha-1; ribosomal protein S6 kinase; 90kDa; polypeptide 1; 90 kDa ribosomal protein S6 kinase 1 antibody; dJ590P13.1(ribosomal protein S6 kinase; 90kD; polypeptide 1 antibody; dJ590P13.1 antibody; EC 2.7.11.1 antibody; HU 1 antibody; HU1 antibody; KS6A1_HUMAN antibody; MAP kinase activated protein kinase 1a antibody; MAP kinase-activated protein kinase 1a antibody; MAPK-activated protein kinase 1a antibody; MAPKAP kinase 1a antibody; MAPKAPK-1a antibody; MAPKAPK1A antibody; MGC79981 antibody; Mitogen-activated protein kinase-activated protein kinase 1A antibody; OTTHUMP00000004113 antibody; p90 RSK1 antibody; p90-RSK 1 antibody; p90rsk antibody; p90RSK1 antibody; p90S6K antibody; pp90RSK1 antibody; Ribosomal protein S6 kinase 90kD 1 antibody; Ribosomal protein S6 kinase 90kD polypeptide 1 antibody; Ribosomal protein S6 kinase 90kDa polypeptide 1 antibody; Ribosomal protein S6 kinase alpha 1 antibody; Ribosomal protein S6 kinase alpha-1 antibody; Ribosomal protein S6 kinase polypeptide 1 antibody; Ribosomal S6 kinase 1 antibody; RPS6K1 alpha antibody; rps6ka antibody; Rps6ka1 antibody; RSK 1 antibody; RSK 1 p90 antibody; RSK antibody; RSK-1 antibody; RSK1 antibody; S6K alpha 1 antibody; S6K-alpha-1 antibody; anti-RPS6KA1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	735
Applicable Applications for anti-RPS6KA1 antibody	WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human RSK1 p90 (721-735aa ILAQRVRKLPSTTL), identical to the related rat and mouse sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



WB (Western Blot)
Anti-RSK1 p90 antibody, AAA45384, All Western blottingAll lanes: Anti-RPS6KA1 (AAA45384) at 0.5ug/mlLane 1: A431 Whole Cell Lysate at 40ugLane 2: MCF-7 Whole Cell Lysate at 40ugLane 3: HELA Whole Cell Lysate at 40ugPredicted bind size: 83KDObserved bind size: 83KD



WB (Western Blot)
Anti-RSK1 p90 antibody, AAA45384, Western blottingLane 1: MCF-7 Cell LysateLane 2: HELA Cell LysateLane 3: K562 Cell LysateLane 4: JURKAT Cell LysateLane 5: SW620 Cell LysateLane 6: RAJI Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-RPS6KA1 antibody	Description: Rabbit IgG polyclonal antibody for Ribosomal protein S6 kinase alpha-1(RPS6KA1) detection. Tested with WB in Human, Mouse, Rat. Background: RPS6KA1(Ribosomal Protein S6 Kinase, 90-KD, 1), also called RSK1, is an enzyme that in humans is encoded by the RPS6KA1 gene. The RSK(ribosomal S6 kinase) family comprises growth factor-regulated serine/threonine kinases, known also as p90(rsk). Homologs of RSK exist in several species. By analysis of somatic cell hybrids, Moller et al.(1994) mapped the RPS6KA1 gene to chromosome 3.Bonni et al.(1999) characterized the mechanism by which the RAS-MAPK signaling pathway mediates growth factor-dependent cell survival. Inoue et al.(2007) demonstrated that p90rsk, the kinase immediately downstream from Mos-MAPK, directly targets Erp1 for CSF arrest in Xenopus oocytes.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20178306
NCBI GeneID	6195
UniProt Accession #	Q15418; Q5SVM5; Q5SVM8; Q5SVM9; Q96C05; Q9BQK2; A6NGG4; A8K9K7; B2RDY8; B7Z5J0
Molecular Weight	72,698 Da
NCBI Official Full Name	Ribosomal protein S6 kinase alpha-1
NCBI Official Synonym Full Names	ribosomal protein S6 kinase, 90kDa, polypeptide 1
NCBI Official Symbol	RPS6KA1
NCBI Official Synonym Symbols	RSK; HU-1; RSK1; MAPKAPK1A
NCBI Protein Information	ribosomal protein S6 kinase alpha-1; RSK-1; p90S6K; p90RSK1; p90-RSK 1; MAPKAPK-1a; S6K-alpha 1; S6K-alpha-1; MAPKAP kinase 1a; ribosomal S6 kinase 1; MAPK-activated protein kinase 1a; ribosomal protein S6 kinase alpha 1; 90 kDa ribosomal protein S6 kinase 1; MAP kinase-activated protein kinase 1a; dJ590P13.1 (ribosomal protein S6 kinase, 90kD, polypeptide 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/rsk1-p90-antibody-western-blot-elisa/45384>