

Mouse anti-Human RSK2 Monoclonal Antibody | anti-RSK2 antibody

RSK2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312070	Mouse	Human	Flow Cytometry, Functional Assay, Immunocytochemistry, Western Blot

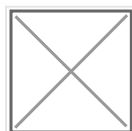
PRODUCT SYNONYMS

RSK2; Monoclonal Antibody; RSK2 Antibody; 90 kDa ribosomal protein S6 kinase 3 antibody; CLS antibody; HU 3 antibody; HU2 antibody; HU3 antibody; Insulin stimulated protein kinase 1 antibody; Insulin-stimulated protein kinase 1 antibody; ISPK-1 antibody; ISPK1 antibody; KS6A3_HUMAN antibody; MAP kinase activated protein kinase 1b antibody; MAP kinase-activated protein kinase 1b antibody; MAPK activated protein kinase 1b antibody; MAPK-activated protein kinase 1b antibody; MAPKAP kinase 1b antibody; MAPKAPK 1b antibody; MAPKAPK-1b antibody; MAPKAPK1B antibody; Mental retardation; X linked 19 antibody; MRX19 antibody; OTTHUMP00000023036 antibody; p90 RSK2 antibody; p90 RSK3 antibody; p90-RSK 3 antibody; p90RSK3 antibody; pp90RSK2 antibody; Ribosomal protein S6 kinase 90kDa polypeptide 3 antibody; Ribosomal protein S6 kinase alpha 3 antibody; Ribosomal protein S6 kinase alpha-3 antibody; Ribosomal protein s6 kinase ii alpha 2 antibody; Ribosomal S6 kinase 2 antibody; Rps6ka3 antibody; RSK antibody; RSK-2 antibody; RSK2 antibody; S6 kinase 2 antibody; S6K alpha3 antibody; S6K-alpha-3 antibody; anti-RSK2 antibody

PRODUCT SPECIFICATIONS

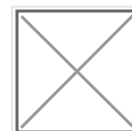
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Clone Number	D2-E10
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1%BSA, Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-RSK2 antibody	FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



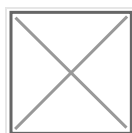
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of HepG2 cells with RSK2 antibody at 1/100 dilution (green) compared with an unlabelled control (cells without incubation with primary antibody; red).



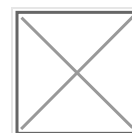
ICC (Immunocytochemistry)

ICC staining RSK2 (green) and actin filaments (red) in epG2 cells. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



WB (Western Blot)

Western blot analysis of RSK2 on different cell lysates using anti-RSK2 antibody at 1/1, 000 dilution. Positive control: Lane 1: Hela Lane 2: MCF-7 Lane 3: HepG2



WB (Western Blot)

Western blot analysis of RSK2 on human RSK2 recombinant protein using anti-RSK2 antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-RSK2 antibody	The family of ribosomal S6 kinases (Rsk), designated Rsk-1 (or MAPKAP kinase-1), Rsk-2 and Rsk-3, are intracellular serine/threonine kinases that are important signaling intermediates in response to a broad range of ligand activated receptor tyrosine kinases. A unique feature common to the members of the Rsk family is that each possesses two non-identical complete kinase catalytic domains. An additional Rsk protein, Rsk-4, shows a high level of homology to the three previously isolated members of the human Rsk family. Rsk-4 is most abundantly expressed in brain and kidney and plays a role in normal neuronal development. The family of ribosomal S6 kinases includes p70 S6 kinase and p70 S6 kinase b, which are thought to have similar regulatory functions. MSK1 (also designated RLPK) is a novel Rsk-related protein, which, like the p90 Rsk family members, contains two non-identical complete kinase catalytic domains.
Product Categories/Family for anti-RSK2 antibody	Total protein Ab

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/rsk2-antibody-clone-d2-e10-flow-cytometry-immunocytochemistry-western-blot-elisa/312070>