

Rabbit RSK1 Monoclonal Antibody | anti-RSK1 antibody

RSK1 (Phospho-S380) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311010	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Western Blot

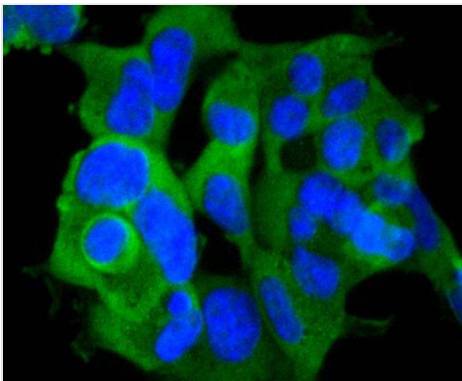
PRODUCT SYNONYMS

RSK1; Monoclonal Antibody; RSK1 (Phospho-S380) Antibody; 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-RSK1 antibody

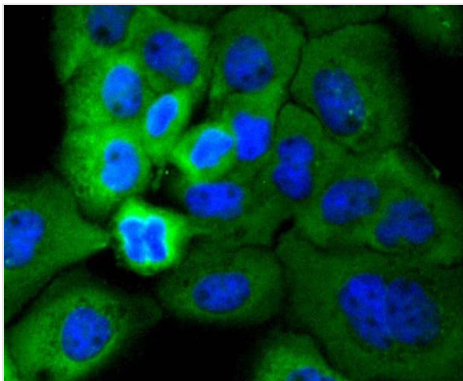
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SC05-32
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-RSK1 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Synthetic phospho-peptide corresponding to residues surrounding Ser380 of human RSK1.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

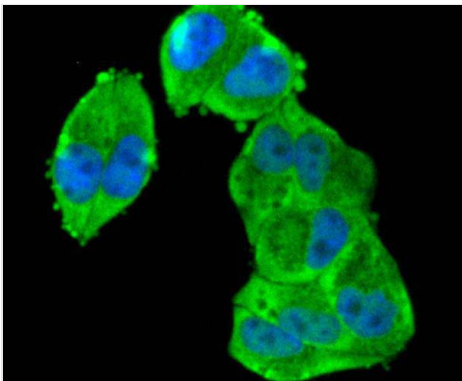
IMAGES



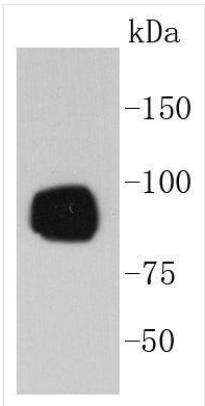
ICC (Immunocytochemistry)
ICC staining Phospho-RSK1 (S380) in 293 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)
ICC staining Phospho-RSK1 (S380) in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)
ICC staining Phospho-RSK1 (S380) in HeLa cells (green). 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 Phospho-RSK1 (S380) on A431 cell lysates using anti-Phospho-RSK1 (S380) antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-RSK1 antibody	The family of ribosomal S6 kinases (Rsk), designated Rsk-1, Rsk-2 and Rsk-3, are important signaling intermediates that mediate responses to a broad range of ligand-activated receptor tyrosine kinases. It has been established that Rsk-3 is not activated by MAP kinase in vitro, unlike Rsk-1 and Rsk-2. A unique feature common to the three members of the Rsk family is that each possesses two non-identical complete kinase catalytic domains. The Rsk family amino-terminal kinase domain is phosphorylated on Ser 227 by 3-phosphoinositide-dependent protein kinase-1 (PDK1), which increases the kinase activity of Rsk. In the carboxy-terminal kinase domain, Rsk-1 and Rsk-2 are autophosphorylated on Ser 380 and Ser 386, respectively, which mediates the docking of PDK1 to Rsk in order to promote phosphorylation of substrates, such as histone H3.
Product Categories/Family for anti-RSK1 antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	55743134
NCBI GeneID	6195
NCBI Accession #	NP_001006666.1
NCBI GenBank Nucleotide #	NM_001006665.1
UniProt Accession #	Q15418; Q5SVM5; Q5SVM8; Q5SVM9; Q96C05; Q9BQK2; A6NGG4; A8K9K7; B2RDY8; B7Z5J0
Molecular Weight	82,723 Da

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; 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 kinas
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/rsk1-antibody-clone-sc05-32-immunoprecipitation-immunohistochemistry-immunofluorescence-immunocytochemistry-western-blot-elisa/311010>