

Rabbit anti-Human, Mouse Rsk-4 Polyclonal Antibody | anti-Rsk-4 antibody

Rsk-4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322616	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

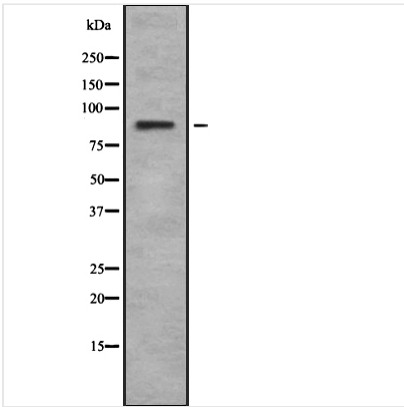
PRODUCT SYNONYMS

Rsk-4; Polyclonal Antibody; Rsk-4 Antibody; 90 kDa ribosomal protein S6 kinase 6; KS6A6_HUMAN; p90 RSK 6; p90-RSK 6; p90RSK6; pp90RSK4; Ribosomal protein S6 kinase 90kDa polypeptide 6; Ribosomal protein S6 kinase alpha 6; Ribosomal protein S6 kinase alpha-6; Ribosomal S6 kinase 4; rps6ka6; RSK 4; RSK-4; S6K-alpha-6; anti-Rsk-4 antibody

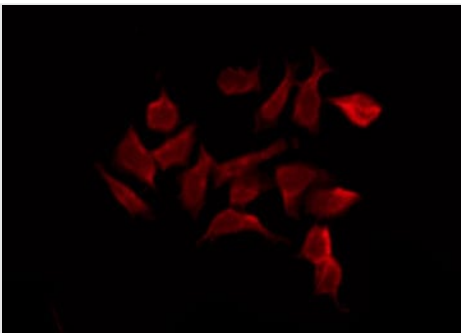
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Rsk-4 antibody detects endogenous levels of total Rsk-4
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	745
Applicable Applications for anti-Rsk-4 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Rsk-4
Subcellular Location	Nucleus; Cytosol
Predicted Cross Reactivity	Pig, Horse, Rabbit
Similarity	Pig (90%), Horse (80%), Rabbit (80%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of Rsk-4 using K562 whole cell lysates



IF (Immunofluorescence)
AAA322616 staining K562 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-Rsk-4 antibody	Function: Constitutively active serine/threonine-protein kinase that exhibits growth-factor-independent kinase activity and that may participate in p53/TP53-dependent cell growth arrest signaling and play an inhibitory role during embryogenesis. Subunit Structure: Forms a complex with MAPK3/ERK1 but not with MAPK9 or MAPK14 in serum-starved cells. Post-translational Modifications: Phosphorylated at Ser-232, Ser-372, and Ser-389 in serum-starved cells. Similarity: Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. S6 kinase subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1059842871
NCBI GeneID	27330
NCBI Accession #	NP_001317441.1
NCBI GenBank Nucleotide #	NM_001330512.1
UniProt Accession #	Q9UK32; Q6FHX2; Q8WX28; Q9H4S6; B2R854; B7ZL90
Molecular Weight	Observed: 84 kDa Predicted: 84 kDa
NCBI Official Full Name	ribosomal protein S6 kinase alpha-6 isoform 1
NCBI Official Synonym Full Names	ribosomal protein S6 kinase A6
NCBI Official Symbol	RPS6KA6
NCBI Official Synonym Symbols	RSK4; RSK-4; p90RSK6; PP90RSK4; S6K-alpha-6
NCBI Protein Information	ribosomal protein S6 kinase alpha-6
UniProt Protein Name	Ribosomal protein S6 kinase alpha-6
UniProt Gene Name	RPS6KA6
UniProt Synonym Gene Names	RSK4; S6K-alpha-6; p90-RSK 6; p90RSK6; RSK-4

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.