

Rabbit anti-Human, Mouse RSK1/2/3/4 Polyclonal Antibody | anti-RSK1/2/3/4 antibody

RSK1/2/3/4 (Phospho-Ser221/227/S218/232) Antibody

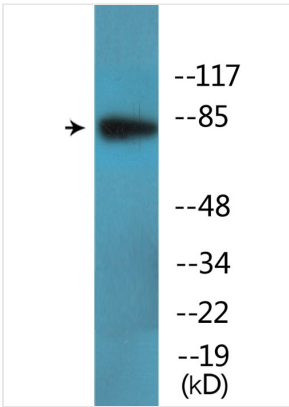
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA318382	Rabbit	Human, Mouse	ELISA, Western Blot

PRODUCT SYNONYMS

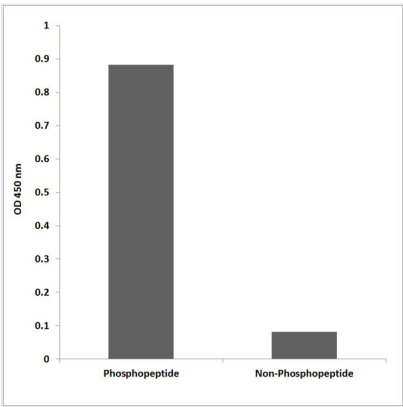
RSK1/2/3/4; Polyclonal Antibody; RSK1/2/3/4 (Phospho-Ser221/227/S218/232) Antibody; anti-RSK1/2/3/4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	RSK1/2/3/4 (Phospho-Ser221/Ser227/Ser218/Ser232) Antibody detects endogenous levels of RPS6KA1 only when phosphorylated at Ser221/Ser227/Ser218/Ser232.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (Phospho-without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	719
Applicable Applications for anti-RSK1/2/3/4 antibody	ELISA, WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S221/227/S218/232; M:S221/227/S218/252
Immunogen	The antiserum was produced against synthesized phospho-peptide derived from human RSK1/2/3/4 around the phosphorylation site of Ser221/Ser227/Ser218/Ser232.
Preparation and Storage	Stable at -20 degree C for at least 1 year.



WB (Western Blot)
Western blot analysis of lysates from HepG2 cells treated with EGF 200ng/ml 30', using RSK1/2/3/4 (Phospho-Ser221/227/S218/232) Antibody.



ELISA
Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using RSK1/2/3/4 (Phospho-Ser221/227/S218/232) Antibody

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; E9PRI4
Molecular Weight	82 kDa
NCBI Official Full Name	ribosomal protein S6 kinase alpha-1 isoform b
NCBI Official Synonym Full Names	ribosomal protein S6 kinase A1
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

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.