

Rabbit anti-Human, Mouse RPS6KA5 / MSK1 Polyclonal Antibody | anti-RPS6KA5 antibody

Rabbit Polyclonal (IgG) to Human RPS6KA5 / MSK1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52219	Rabbit	Human, Mouse	ELISA, Western Blot, Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

RPS6KA5 / MSK1; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human RPS6KA5 / MSK1; Anti-RPS6KA5 / MSK1 Antibody (aa551-600) IHC-plus; RPS6KA5; MSPK1; RLPK; MSK1; RSK-like protein kinase; RSKL; S6K-alpha-5; Human RPS6KA5; anti-RPS6KA5 antibody

PRODUCT SPECIFICATIONS

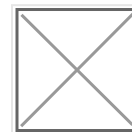
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	MSK1
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS (without Mg2+, Ca2+), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	802
Applicable Applications for anti-RPS6KA5 antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide from human MSK1 (aa551-600).
Immunogen	RPS6KA5 / MSK1 antibody was raised against synthetic peptide from human MSK1 (aa551-600).
Antigen Modification	aa551-600
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles.

IMAGES



WB (Western Blot)

Western blot of extracts from 293 cells, treated with UV 15', using MSK1 (Ab-581) Antibody. The lane on the right is treated with the synthesized peptide.

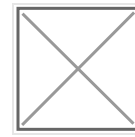


IF (Immunofluorescence)

Immunofluorescence of HUVEC cells, using MSK1 (Ab-581) Antibody. The picture on the right is treated with the synthesized peptide.

**IHC (Immunohistochemistry)**

Anti-RPS6KA5 / MSK1 antibody IHC of human brain, cortex neurons. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 5 ug/ml.

**IHC (Immunohistochemistry)**

Anti-RPS6KA5 / MSK1 antibody IHC of human heart. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-RPS6KA5 antibody	MSK1 is a mitogen- and stress-activated protein kinase that belongs to the MSK family. In vivo, the MSKs act as ERK MAPK and p38 MAPK substrates. MSK1, and likely MSK2, localize to the nucleus and are strong CREB kinases.
Product Categories/Family for anti-RPS6KA5 antibody	Family: Protein Kinase ; Subfamily: MSK

NCBI AND UNIPROT INFORMATION

NCBI GI #	32528295
NCBI GeneID	9252
NCBI Accession #	NP_004746.2
NCBI GenBank Nucleotide #	NM_004755.2
UniProt Accession #	O75582 ; O95316 ; Q96AF7
Molecular Weight	61,769 Da
NCBI Official Full Name	ribosomal protein S6 kinase alpha-5 isoform a
NCBI Official Synonym Full Names	ribosomal protein S6 kinase, 90kDa, polypeptide 5
NCBI Official Symbol	RPS6KA5
NCBI Official Synonym Symbols	MSK1; RLPK; MSPK1
NCBI Protein Information	ribosomal protein S6 kinase alpha-5; RSKL; S6K-alpha-5; RSK-like protein kinase; 90 kDa ribosomal protein S6 kinase 5; nuclear mitogen- and stress-activated protein kinase 1
UniProt Protein Name	Ribosomal protein S6 kinase alpha-5
UniProt Gene Name	RPS6KA5
UniProt Synonym Gene Names	MSK1; S6K-alpha-5; RSKL
UniProt Entry Name	KS6A5_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/polyclonal/rps6ka5-msk1-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/52219>