

anti-Human, Mouse MSK1 Antibody | anti-MSK1 antibody

MSK1 (Phospho-Thr581) Antibody

CATALOG # AAA267487	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence, Western Blot
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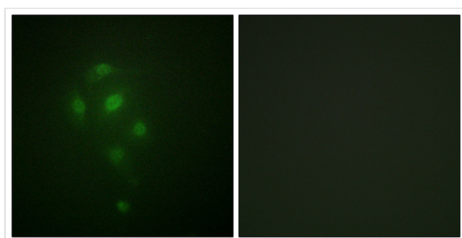
PRODUCT SYNONYMS

MSK1; MSK1 (Phospho-Thr581) Antibody; 90 kDa ribosomal protein S6 kinase; polypeptide 5; EC 2.7.11.1; KS6A5; MSPK1; Nuclear mitogen-and stress-activated protein kinase-1; RLPK; RPS6KA5; kinase MSK1; ribosomal protein S6 kinase; polypeptide V; anti-MSK1 antibody

PRODUCT SPECIFICATIONS

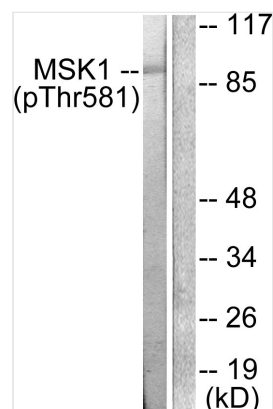
Reactivity	Human, Mouse
Specificity	MSK1 (Phospho-Thr581) antibody detects endogenous levels of MSK1 only when phosphorylated at threonine 581.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	723
Applicable Applications for anti-MSK1 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human MSK1 around the phosphorylation site of threonine 581 (L-K-TP-P-C).
All Sites	Human: Thr581 Mouse: Thr645
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



WB (Western Blot)

P-peptide-+ Western blot analysis of extracts from RAW264.7 cells, treated with UV (5mins), using MSK1 (Phospho-Thr581) antibody. Immunofluorescence analysis of A549 cells, using MSK1 (Phospho-Thr581) antibody.



Application Data

ADDITIONAL INFORMATION

References	Giselle R. Wiggin, Mol. Cell. Biol., Apr 2002; 22: 2871-2881. Greg Q. Butcher, J. Neurosci., Jun 2005; 25: 5305-5313. Jason A. Gustin, Am J Physiol Cell Physiol, Mar 2004; 286: C547-C555. Kyoung Seob Song, J. Biol. Chem., Jun 2003; 278: 23243-23250.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1016080537
NCBI GeneID	9252
NCBI Accession #	NP_001309164.1
NCBI GenBank Nucleotide #	NM_001322235.1
UniProt Accession #	O75582; O95316; Q96AF7; B7Z2Y5
Molecular Weight	81,780 Da
NCBI Official Full Name	ribosomal protein S6 kinase alpha-5 isoform k
NCBI Official Synonym Full Names	ribosomal protein S6 kinase A5
NCBI Official Symbol	RPS6KA5
NCBI Official Synonym Symbols	MSK1; RLPK; MSPK1
NCBI Protein Information	ribosomal protein S6 kinase alpha-5
UniProt Protein Name	Ribosomal protein S6 kinase alpha-5
UniProt Gene Name	RPS6KA5
UniProt Synonym Gene Names	MSK1; S6K-alpha-5; RSKL

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/human-mouse-antibody/msk1/267487>