

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

MSK1 (Phospho-Ser212) Antibody

CATALOG # AAA111383	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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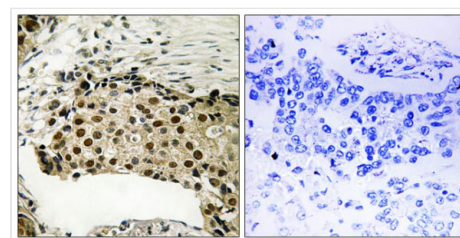
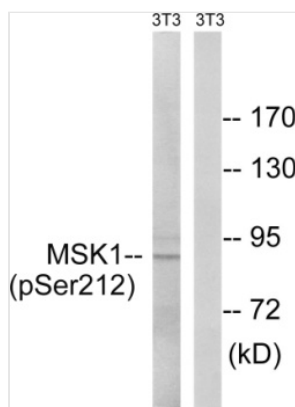
PRODUCT SYNONYMS

MSK1; MSK1 (Phospho-Ser212) Antibody; 90 kDa ribosomal protein S6 kinase; polypeptide 5; EC 2.7.11.1; kinase MSK1; KS6A5; MSPK1; Nuclear mitogen-and stress-activated protein kinase-1; ribosomal protein S6 kinase; polypeptide V; RLPK; RPS6KA5; anti-MSK1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	MSK1 (Phospho-Ser212) antibody detects endogenous levels of MSK1 only when phosphorylated at serine 212.
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, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human MSK1 around the phosphorylation site of serine 212 (A-Y-SP-F-C).
All Sites	Human: Ser212 Mouse: Ser211
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using MSK1 (Phospho-Ser212) antibody. Western blot analysis of extracts from 3T3 cells, treated with EGF (200ng/ml, 5mins), using MSK1 (Phospho-Ser212) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-MSK1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Deak M., EMBO J. 17:4426-4441(1998). New L., J. Biol. Chem. 274:1026-1032(1999). Jiang C., Cytogenet. Cell Genet. 87:261-262(1999).

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-mouse-antibody/msk1/111383>