

anti-Human, Mouse MSK2 Antibody | anti-MSK2 antibody

MSK2 (Phospho-Thr568) Antibody

CATALOG # AAA267820	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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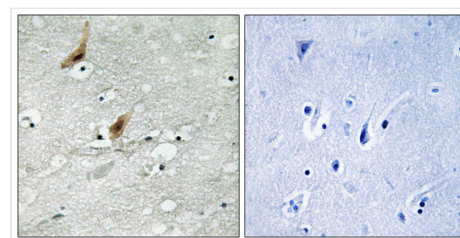
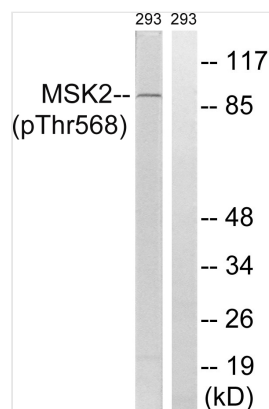
PRODUCT SYNONYMS

MSK2; MSK2 (Phospho-Thr568) Antibody; EC 2.7.11.1; kinase MSK2; KS6A4; Ribosomal protein kinase B; RPS6KA4; RSK-B; Similar to ribosomal protein S6 kinase; 90kD; polypeptide 4; anti-MSK2 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	MSK2 (Phospho-Thr568) antibody detects endogenous levels of MSK2 only when phosphorylated at threonine 568.
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	766
Applicable Applications for anti-MSK2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human MSK2 around the phosphorylation site of threonine 568 (M-Q-TP-P-C).
All Sites	Human: Thr568 Mouse: Thr568
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using MSK2 (Phospho-Thr568) antibody. Western blot analysis of extracts from 293 cells, treated with H₂O₂ (100uM, 15mins), using MSK2 (Phospho-Thr568) antibody.

ADDITIONAL INFORMATION

References	Pierrat B., J. Biol. Chem. 273-29661-29671(1998). Totoki Y., Submitted (MAR-2005) to the EMBL/GenBank/DDBJ databases. Deak M., EMBO J. 17:4426-4441(1998).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	55743138
NCBI GeneID	8986
NCBI Accession #	NP_001006945.1
NCBI GenBank Nucleotide #	NM_001006944.1
UniProt Accession #	O75676; O75585; Q53ES8; A8K7Z8
Molecular Weight	84,884 Da
NCBI Official Full Name	ribosomal protein S6 kinase alpha-4 isoform b
NCBI Official Synonym Full Names	ribosomal protein S6 kinase A4
NCBI Official Symbol	RPS6KA4
NCBI Official Synonym Symbols	MSK2; RSK-B; S6K-alpha-4
NCBI Protein Information	ribosomal protein S6 kinase alpha-4
UniProt Protein Name	Ribosomal protein S6 kinase alpha-4
UniProt Gene Name	RPS6KA4
UniProt Synonym Gene Names	MSK2; S6K-alpha-4; RSKB

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://www.aaabiotech.com/human-mouse-antibody/msk2/267820>