

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

MSK2 (Phospho-Thr568) Antibody

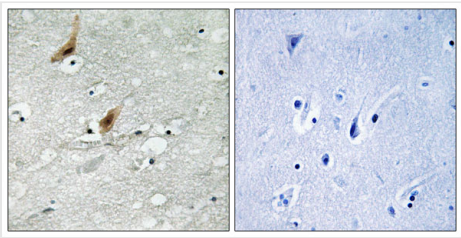
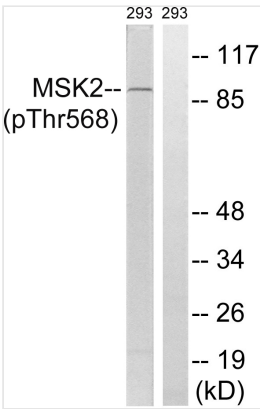
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316622	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

MSK2; Polyclonal Antibody; MSK2 (Phospho-Thr568) Antibody; anti-MSK2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	MSK2 (Phospho-Thr568) Antibody detects endogenous levels of MSK2 only when phosphorylated at Thr568.
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 (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	766
Applicable Applications for anti-MSK2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:T568; M:T568
Immunogen	The antiserum was produced against synthesized peptide derived from human MSK2 around the phosphorylation site of Thr568.
Immunogen Range	531-580
Preparation and Storage	Stable at -20 degree C for at least 1 year.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human brain, using MSK2 (Phospho-Thr568) Antibody. The picture on the right is blocked with the phospho peptide.

WB (Western Blot)
Western blot analysis of lysates from 293 cells treated with H2O2 100uM 15', using MSK2 (Phospho-Thr568) Antibody. The lane on the right is blocked with the phospho peptide.

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	85 kDa
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.