

Rabbit MAP2K7 Polyclonal Antibody | anti-MAP2K7 antibody

MAP2K7 (Phospho-Ser271) Antibody

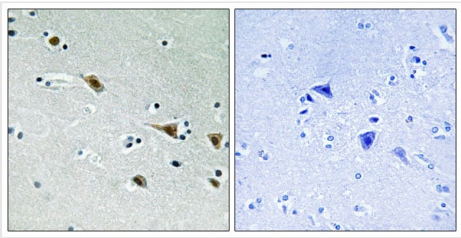
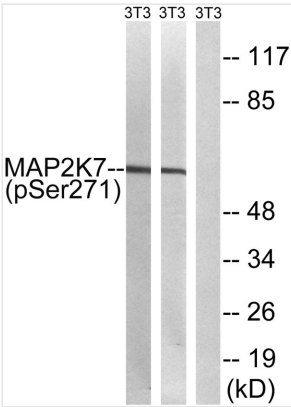
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316619	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

MAP2K7; Polyclonal Antibody; MAP2K7 (Phospho-Ser271) Antibody; c-Jun N-terminal kinase kinase 2; Dual specificity mitogen-activated protein kinase kinase 7; JNK activating kinase 2; JNK kinase 2; JNKK 2; JNKK2; kinase MKK7; MAP kinase kinase 7; MAPK/ERK kinase 7; MAPKK 7; MP2K7; PRKMK7; anti-MAP2K7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	MAP2K7 (Phospho-Ser271) Antibody detects endogenous levels of MAP2K7 only when phosphorylated at Ser271.
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	426
Applicable Applications for anti-MAP2K7 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S271; M:S287; R:S271
Immunogen	The antiserum was produced against synthesized peptide derived from human MAP2K7 around the phosphorylation site of Ser271.
Immunogen Range	236-285
Preparation and Storage	Stable at -20 degree C for at least 1 year.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human brain, using MAP2K7 (Phospho-Ser271) Antibody. The picture on the right is blocked with the phospho peptide.

WB (Western Blot)
Western blot analysis of lysates from NIH/3T3 cells treated with insulin 0.01U/ml 15' and NIH/3T3 cells treated with EGF 200ng/ml 30', using MAP2K7 (Phospho-Ser271) Antibody. The lane on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	662033893
NCBI GeneID	5609
NCBI Accession #	NP_001284484.1
NCBI GenBank Nucleotide #	NM_001297555.1
UniProt Accession #	O14733; O14648; O14816; O60452; O60453; Q1PG43; Q8IY10; B2R9S5; D6W659
Molecular Weight	47 kDa
NCBI Official Full Name	dual specificity mitogen-activated protein kinase kinase 7 isoform 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase 7
NCBI Official Symbol	MAP2K7
NCBI Official Synonym Symbols	MEK; MKK7; JNKK2; MEK 7; MAPKK7; PRKMK7; SAPKK4; SAPKK-4
NCBI Protein Information	dual specificity mitogen-activated protein kinase kinase 7
UniProt Protein Name	Dual specificity mitogen-activated protein kinase kinase 7
UniProt Gene Name	MAP2K7
UniProt Synonym Gene Names	JNKK2; MEK7; MKK7; PRKMK7; SKK4; MAP kinase kinase 7; MAPKK 7; MEK 7; SAPK kinase 4; SAPKK-4; SAPKK4; JNK kinase 2; JNKK 2

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.