

MAP2K7 Antibody | anti-MAP2K7 antibody

MAP2K7 (Phospho-Ser271) Antibody

CATALOG # AAA110775	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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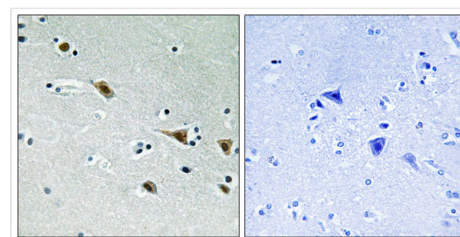
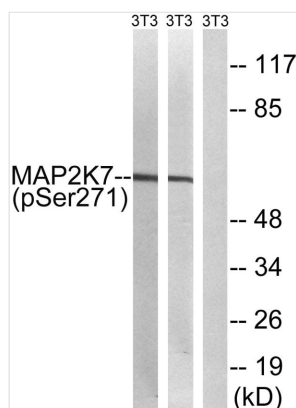
PRODUCT SYNONYMS

MAP2K7; MAP2K7 (Phospho-Ser271) Antibody; 14-3-3 zeta; YWHAZ; KCIP-1; MGC111427; MGC126532; MGC138156; anti-MAP2K7 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	MAP2K7 (Phospho-Ser271) antibody detects endogenous levels of MAP2K7 only when phosphorylated at serine 271.
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.
Sequence Length	435
Applicable Applications for anti-MAP2K7 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human MAP2K7 around the phosphorylation site of serine 271 (V-D-SP-K-A).
All Sites	Human: Ser271 Mouse: Ser287 Rat: Ser271

IMAGES



Application Data
P-peptide+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using MAP2K7 (Phospho-Ser271) antibody. Lane 1: The extracts from 3T3 cells treated with insulin (0.01U/ml, 15mins) using MAP2K7 (Phospho-Ser271) antibody Lane 2: The extracts from 3T3 cells treated with insulin (0.01U/ml, 15mins) using MAP2K7 (Ab-271) antibody Lane 3: The extracts from 3T3 cells treated with insulin (0.01U/ml, 15mins) plus phosphopeptide using MAP2K7 (Phospho-Ser271) antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-MAP2K7 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Wu Z., Mol. Cell. Biol. 17:7407-7416(1997). Lu X., J. Biol. Chem. 272:24751-24754(1997). Foltz I.N., J. Biol. Chem. 273:9344-9351(1998).

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	48,182 Da
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.