

Rabbit anti-Human MAP3K1 Polyclonal Antibody | anti-MAP3K1 antibody

MAP3K1 (Phospho-Thr1402) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307845	Rabbit	Human	Immunohistochemistry, Western Blot

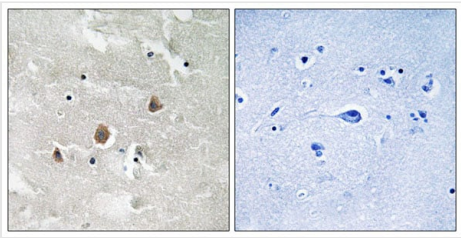
PRODUCT SYNONYMS

MAP3K1; Polyclonal Antibody; MAP3K1 (Phospho-Thr1402) Antibody; M3K1; MAPKKK1; MEKK1; anti-MAP3K1 antibody

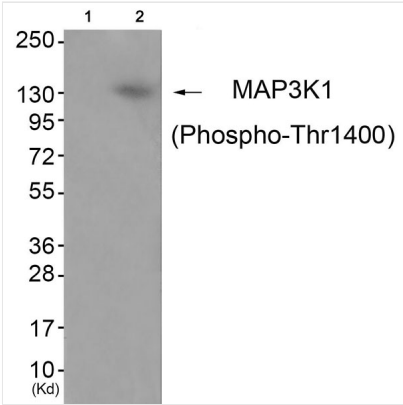
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of MAP3K1 only when phosphorylated at threonine 1400.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
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	1.0 mg/ml (varies by lot)
Sequence Length	1512
Applicable Applications for anti-MAP3K1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of threonine 1400(K-G-T(p)-G-A) derived from Human MAP3K1.
Modification	Phospho-Thr1400
Target Name	MAP3K1
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human brain tissue using MAP3K1 (Phospho-Thr1400) antibody (left) or the same antibody preincubated with blocking peptide (right).



WB (Western Blot)
Western blot analysis of extracts from JK cells (Lane 2), using MAP3K1 (Phospho-Thr1400) Antibody. The lane on the left is treated with antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-MAP3K1 antibody	Component of a protein kinase signal transduction cascade. Activates the ERK and JNK kinase pathways by phosphorylation of MAP2K1 and MAP2K4. Activates CHUK and IKBKB, the central protein kinases of the NF-kappa-B pathway.
Product Categories/Family for anti-MAP3K1 antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	153945765
NCBI GeneID	4214
NCBI Accession #	NP_005912.1
NCBI GenBank Nucleotide #	NM_005921.1
UniProt Accession #	Q13233
Molecular Weight	164,470 Da
NCBI Official Full Name	mitogen-activated protein kinase kinase kinase 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase kinase 1, E3 ubiquitin protein ligase
NCBI Official Symbol	MAP3K1
NCBI Official Synonym Symbols	MEKK; MEKK1; SRXY6; MEKK 1; MAPKKK1
NCBI Protein Information	mitogen-activated protein kinase kinase kinase 1
UniProt Protein Name	Mitogen-activated protein kinase kinase kinase 1
UniProt Gene Name	MAP3K1
UniProt Synonym Gene Names	MAPKKK1; MEKK; MEKK1; MEK kinase 1; MEKK 1
UniProt Entry Name	M3K1_HUMAN

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.