MAP3K1 (Phospho-Thr1402) Antibody

Catalog No: #11737

Package Size: #11737-1 50ul #11737-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

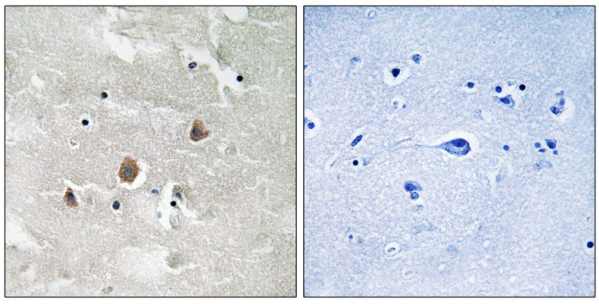
Product Name	MAP3K1 (Phospho-Thr1402) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of MAP3K1 only when phosphorylated at threonine 1400.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of threonine 1400(K-G-T(p)-G-A) derived from Human MAP3K1.
Target Name	MAP3K1
Modification	Phospho
Other Names	M3K1; MAP3K1; MAPKKK1; MEKK1;
Accession No.	Swiss-Prot#: Q13233; NCBI Gene#: 4214; NCBI Protein#: NP_005912.1.
SDS-PAGE MW	130kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

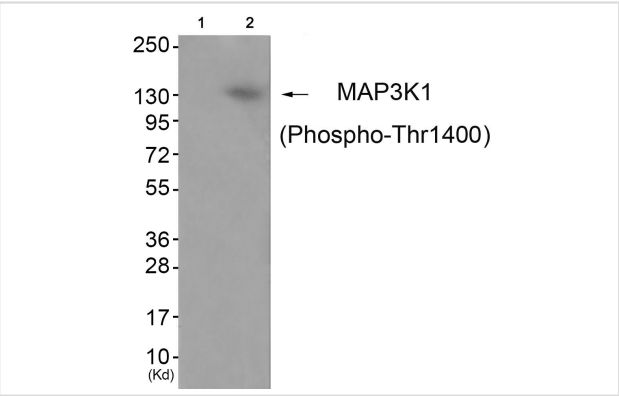
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

Images



Immunohistochemical analysis of paraffin-embedded human brain tissue using MAP3K1 (Phospho-Thr1400) antibody #11737 (left)or the same antibody preincubated with blocking peptide (right).



Western blot analysis of extracts from JK cells (Lane 2), using MAP3K1 (Phospho-Thr1400) Antibody #11737. The lane on the left is treated with antigen-specific peptide.

Background

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.

Schmutz J., Nature 431:268-274(2004).

Xia Y., Genes Dev. 12:3369-3381(1998).

Vinik B.S., Mamm. Genome 6:782-783(1995)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.