Product Datasheet

MAP3K8 (Phospho-Ser400) Antibody

Catalog No: #11739

Package Size: #11739-1 50ul #11739-2 100ul

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

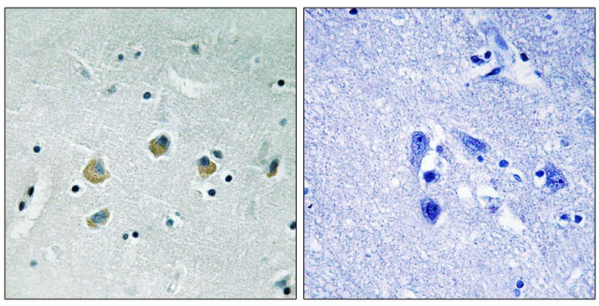
Description

Product Name	MAP3K8 (Phospho-Ser400) 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	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of MAP3K8 only when phosphorylated at serine 400.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of Serine 400(C-Q-S(p)-L-D) derived from HumanMAP3K8.
Target Name	MAP3K8
Modification	Phospho
Other Names	C-COT;; M3K8; MAP3K8; TPL2;
Accession No.	Swiss-Prot#: P41279; NCBI Gene#: 1326; NCBI Protein#: NP_001231063.1.
Uniprot	P41279
GeneID	1326;
SDS-PAGE MW	52kd
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

Immunohistochemistry: 1:50~1:100

Images



Immunohistochemical analysis of paraffin-embedded human brain tissue using MAP3K8 (Phospho-Ser400) antibody #11739 (left)or the same antibody preincubated with blocking peptide (right).

Background

This gene was identified by its oncogenic transforming activity in cells. The encoded protein is a member of the serine/threonine protein kinase family. This kinase can activate both the MAP kinase and JNK kinase pathways. This kinase was shown to activate IkappaB kinases, and thus induce the nuclear production of NF-kappaB. This kinase was also found to promote the production of TNF-alpha and IL-2 during T lymphocyte activation. Studies of a similar gene in rat suggested the direct involvement of this kinase in the proteolysis of NF-kappaB1,p105 (NFKB1).

Miyoshi J., Mol. Cell. Biol. 11:4088-4096(1991).

Aoki M., J. Biol. Chem. 268:22723-22732(1993).

Chan A.M.,Oncogene 8:1329-1333(1993).

Note: This product is for in vitro research use only