

MAP3K8 (Phospho-Ser400) Antibody

Catalog No: #11739

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

Orders: order@signalwayantibody.com

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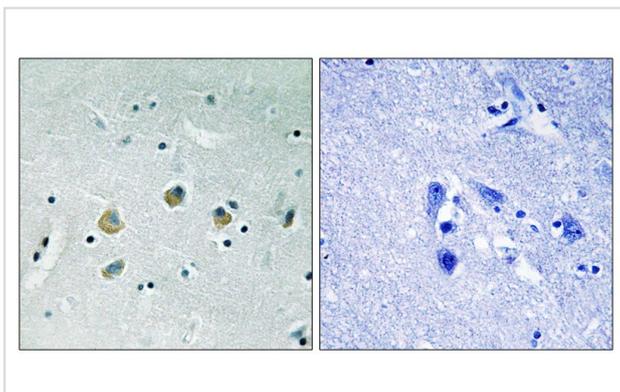
Description

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 chromatography 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.
SDS-PAGE MW	52kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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 I κ B kinases, and thus induce the nuclear production of NF- κ B. This kinase was also found to promote the production of TNF- α 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- κ B1,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 and is not intended for use in humans or animals.