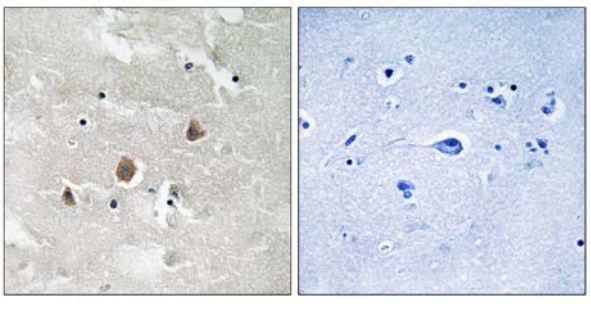
MAP3K1 (Phospho-Thr1402) Antibody

E11-8129A

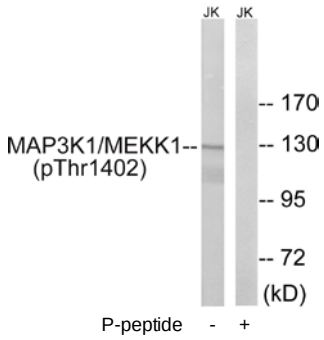
Catalog Number: E11-8129A
Concentration: 1mg/ml
Swiss-Prot No.: Q13233
Other Names: EC 2.7.11.25; kinase MEKK1; M3K1; MAP3K1; MAPK/ERK kinase kinase 1; MAPKKK1; MEK kinase 1; MEKK; MEKK 1; MEKK1; mitogen-activated protein kinase kinase kinase 1
All Sites: Human: Thr1402; Mouse: Thr1381; Rat: Thr1381
Storage/Stability: Store at -20 ℃/1 year
Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human MAP3K1 around the phosphorylation site of threonine 1402 (K-G-T^{P}-G-A).
Purification: The antibody was 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.
Specificity: MAP3K1 (Phospho-Thr1402) antibody detects endogenous levels of MAP3K1 only when phosphorylated at threonine 1402.
Reactivity: Human (Identities = 100%, Positives = 100%); Mouse (Identities = 100%, Positives = 100%); Rat (Identities = 100%, Positives = 100%)
Applications: WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:40000
References:

Schmutz J., Nature 431:268-274(2004).
Xia Y., Genes Dev. 12:3369-3381(1998).
Vinik B.S., Mamm. Genome 6:782-783(1995).

-



Immunohistochemistry analysis of paraffin-embedded human brain tissue using MAP3K1 (Phospho-Thr1402) antibody.



Western blot analysis of extracts from Jurkat cells, using MAP3K1 (Phospho-Thr1402) antibody.

For Research Use Only