



MAP2K3 (Phospho-Thr222) Antibody

E11-8139A

Catalog Number: E11-8139A

Concentration: 1mg/ml

Swiss-Prot No.: P46734

Other Names: dual specificity mitogen-activated protein kinase kinase 3; EC 2.7.12.2; kinase MKK3; MAP kinase kinase 3; MAP2K3; MAPK/ERK kinase 3; MAPKK 3; MEK3; MP2K3; PRKMK3

All Sites: Human: Thr222; Mouse: Thr222; Rat: Thr222

Storage/Stability: Store at -20°C/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human MAP2K3 around the phosphorylation site of threonine 222 (A-K-T^P-M-D).

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: MAP2K3 (Phospho-Thr222) antibody detects endogenous levels of MAP2K3 only when phosphorylated at threonine 222.

Reactivity: Human (Identities = 100%, Positives = 100%);
Mouse (Identities = 100%, Positives = 100%);
Rat (Identities = 100%, Positives = 100%)

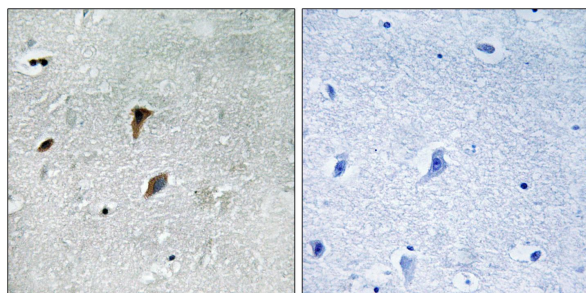
Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
ELISA: 1:10000

References:

Derijard B., Science 267:682-685(1995).

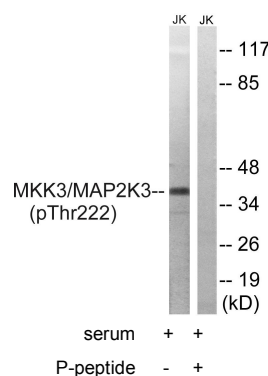
Moriguchi T., J. Biol. Chem. 271:26981-26988(1996).

The MGC Project Team; Genome Res. 14:2121-2127(2004).



P-peptide - +

Immunohistochemistry analysis of paraffin-embedded human brain tissue using MAP2K3 (Phospho-Thr222) antibody.



Western blot analysis of extracts from Jurkat cells, treated with serum (20%, 15mins), using MAP2K3 (Phospho-Thr222) antibody.

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