



MAP2K1 (Phospho-Thr386) Antibody

E11-8135A

Catalog Number: E11-8135A

Swiss-Prot No.: Q02750

Other Names: Dual specificity mitogen-activated protein kinase kinase 1; ERK activator kinase 1; MAP kinase kinase 1; MAP2K1; MAPK/ERK kinase 1; MAPKK 1; MAPKK1; MEK1; MP2K1; PRKMK1; kinase MEK1

All Sites: Human: Thr386; Mouse: Thr386; Rat: Thr386

Storage/Stability: Store at -20 °C/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 MAP2K1 around the phosphorylation site of threonine 386 (P-S-T^P-P-T).

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.

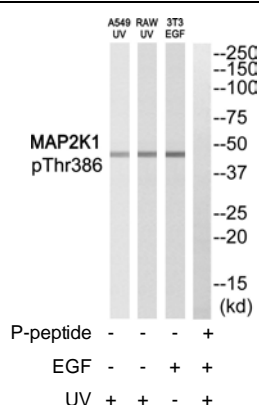
Specificity: MAP2K1 (Phospho-Thr386) antibody detects endogenous levels of MAP2K1 only when phosphorylated at threonine 386.

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

Applications: WB: 1:500~1:1000 ELISA: 1:10000

References:

Seger R., J. Biol. Chem. 267:25628-25631(1992).
Zheng C.-F., J. Biol. Chem. 268:11435-11439(1993).
Zheng C.-F., EMBO J. 13:1123-1131(1994).



Western blot analysis of extracts from A549 cells and RAW264.7 cells treated with UV, and NIH/3T3 cells treated with EGF, using MAP2K1 (Phospho-Thr386) antibody.

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