Anti- MAP2K3 (Phospho-Thr222) Polyclonal Antibody

Catalog No.	Size
A100255-01	50 µl
A100255-02	100 µl

Specificity	Anti- MAP2K3 (Phospho-Thr222) (human mouse rat)
Source	Rabbit Polyclonal
Application	WB ELISA IHC
Form	Liquid, 1 mg/ml

Product

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

Specificity and Sensitivity

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

Source and Purification

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

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 IHC: 1:50~1:100 ELISA: 1:1000

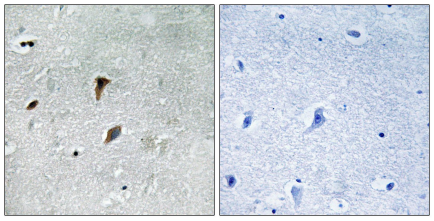
Storage Buffer

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 Instructions

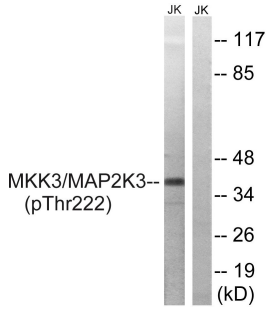
Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



P-peptide - +

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



Serum + +

P-peptide - +

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

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