

MAP2K6

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW: 37kD

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human MAP2K6

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

100 µg/ml

Synonym:

MAPKK6; MEK6; MKK6; PRKMK6; SAPKK3;

Catalog #: A2575

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5608

Isotype: IgG

Swiss Prot: P52564

Purity: Affinity purification

For research use only.

Background:

This gene encodes a member of the dual specificity protein kinase family, which functions as a mitogen-activated protein (MAP) kinase kinase. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This protein phosphorylates and activates p38 MAP kinase in response to inflammatory cytokines or environmental stress. As an essential component of p38 MAP kinase mediated signal transduction pathway, this gene is involved in many cellular processes such as stress induced cell cycle arrest, transcription activation and apoptosis.

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