www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

MAP2K4

Reactivity: Human

Tested applications:WB IHC

Recommended Dilution:WB 1:1000 - 1:4000 IHC 1:50 - 1:200

Calculated MW:44kDa

Observed MW: Refer to figures

Immunogen:

A synthetic peptide of human MAP2K4

Storage Buffer:

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

Concentration:

ors

Synonym:

JNKK; MEK4; MKK4; SEK1; SKK1; JNKK1; SERK1; MAPKK4; PRKMK4; SAPKK1; SAPKK-1;

Catalog #:A7724

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:6416

Isotype: IgG

Swiss Prot:P45985

Purity: Affinity purification

For research use only.

Background:

This gene encodes a member of the mitogen-activated protein kinase (MAPK) family. Members of this family act as an integration point for multiple biochemical signals and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation, and development. They form a three-tiered signaling module composed of MAPKKKs, MAPKKs, and MAPKs. This protein is phosphorylated at serine and threonine residues by MAPKKKs and subsequently phosphorylates downstream MAPK targets at threonine and tyrosine residues. A similar protein in mouse has been reported to play a role in liver organogenesis. A pseudogene of this gene is located on the long arm of chromosome X. Alternative splicing results in multiple transcript variants.

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