

MAP2K5

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

Calculated MW: 50kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human MAP2K5

Storage Buffer:

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

Synonym:

MEK5; MAPKK5; PRKMK5; HsT17454;

Catalog #: A6953

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5607

Isotype: IgG

Swiss Prot: Q13163

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene is a dual specificity protein kinase that belongs to the MAP kinase kinase family. This kinase specifically interacts with and activates MAPK7/ERK5. This kinase itself can be phosphorylated and activated by MAP3K3/MEKK3, as well as by atypical protein kinase C isoforms (aPKCs). The signal cascade mediated by this kinase is involved in growth factor stimulated cell proliferation and muscle cell differentiation. Three alternatively spliced transcript variants of this gene encoding distinct isoforms have been described.

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