

Phospho-MEK1/2-S217/221

Reactivity: Human

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 43kDa

Observed MW: Refer to figures

Immunogen:

A phospho specific peptide corresponding to residues surrounding S217/221 of human MEK1/2

Storage Buffer:

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

Synonym:

CFC3; MEK1; MKK1; MAPKK1; PRKMK1;

Catalog #: AP0483

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5604/5605

Isotype: IgG

Swiss Prot: P36507

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene is a member of the dual specificity protein kinase family, which acts 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 kinase lies upstream of MAP kinases and stimulates the enzymatic activity of MAP kinases upon wide variety of extra- and intracellular signals. As an essential component of MAP kinase signal transduction pathway, this kinase is involved in many cellular processes such as proliferation, differentiation, transcription regulation and development.

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