Product Datasheet

MEK-1/2 (phospho Ser218/222) Polyclonal Antibody

Catalog No: #13716

Package Size: #13716-1 50ul #13716-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	MEK-1/2 (phospho Ser218/222) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-MEK-1/2 (S218/222) Polyclonal Antibody detects endogenous levels of MEK-1/2 protein only when phosphorylated at S218/222.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human MEK1/2 around the phosphorylation site of Ser217. AA range:189-238
Other Names	MAP2K1; MEK1; PRKMK1; Dual specificity mitogen-activated protein kinase kinase 1; MAP kinase kinase 1; MAPKK 1; MKK1; ERK activator kinase 1; MAPK/ERK kinase 1; MEK 1; MAP2K2; MEK2; MKK2; PRKMK2; Dual specificity mitogen-activated protein k
Accession No.	Swiss Prot:Q02750/P36507GeneID:5604/5605
Uniprot	Q02750/P36507
GeneID	5604/5605
SDS-PAGE MW	48
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

Background

mitogen-activated protein kinase kinase 1(MAP2K1) Homo sapiens 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. [provided by RefSeq, Jul 2008],

Note: This product is for in vitro research use only