10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MEK Kinase-1 (phospho Thr1402) Polyclonal Antibody

Catalog # AP67718

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q13233
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	164470

Additional Information

Gene ID	4214
Other Names	MAP3K1; MAPKKK1; MEKK; MEKK1; Mitogen-activated protein kinase kinase kinase 1; MAPK/ERK kinase kinase 1; MEK kinase 1; MEKK 1
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

Name	MAP3K1
Synonyms	MAPKKK1, MEKK, MEKK1
Function	Component of a protein kinase signal transduction cascade (PubMed:9808624). Activates the ERK and JNK kinase pathways by phosphorylation of MAP2K1 and MAP2K4 (PubMed:9808624). May phosphorylate the MAPK8/JNK1 kinase (PubMed:17761173). Activates CHUK and IKBKB, the central protein kinases of the NF-kappa-B pathway (PubMed:9808624).

Background

Component of a protein kinase signal transduction cascade (PubMed: 9808624). Activates the ERK and JNK kinase pathways by phosphorylation of MAP2K1 and MAP2K4 (PubMed:9808624). May phosphorylate the MAPK8/JNK1 kinase (PubMed:17761173). Activates CHUK and IKBKB, the central protein kinases of the NF-kappa-B pathway (PubMed:9808624).

Images



Western Blot analysis of NIH-3T3 cells using Phospho-MEK Kinase-1 (T1402) Polyclonal Antibody diluted at 1：2000

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.