

MEK-7 (phospho Thr275) Polyclonal Antibody

Catalog No: #13711

Package Size: #13711-1 50ul #13711-2 100ul

Description

Product Name	MEK-7 (phospho Thr275) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
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-7 (T275) Polyclonal Antibody detects endogenous levels of MEK-7 protein only when phosphorylated at T275.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human MAP2K7 around the phosphorylation site of Thr275. AA range:241-290
Conjugates	Unconjugated
Other Names	MAP2K7; JNKK2; MEK7; MKK7; PRKMK7; SKK4; Dual specificity mitogen-activated protein kinase kinase 7; MAP kinase kinase 7; MAPKK 7; JNK-activating kinase 2; MAPK/ERK kinase 7; MEK 7; Stress-activated protein kinase kinase 4; SAPK kinase 4; S
Accession No.	Swiss Prot:O14733GeneID:5609
SDS-PAGE MW	43
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: 1/20000. Not yet tested in other applications.

Background

mitogen-activated protein kinase kinase 7(MAP2K7) Homo sapiens The protein encoded by this gene is a dual specificity protein kinase that belongs to the MAP kinase kinase family. This kinase specifically activates MAPK8/JNK1 and MAPK9/JNK2, and this kinase itself is phosphorylated and activated by MAP kinase kinase kinases including MAP3K1/MEKK1, MAP3K2/MEKK2,MAP3K3/MEKK5, and MAP4K2/GCK. This kinase is involved in the signal transduction mediating the cell responses to proinflammatory cytokines, and environmental stresses. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014],

Note: This product is for in vitro research use only and is not intended for use in humans or animals.