

SEK1/MKK4 (phospho-Ser257) rabbit pAb

Catalog No: #13535

Package Size: #13535-1 50ul #13535-2 100ul

Description

Product Name	SEK1/MKK4 (phospho-Ser257) rabbit pAb
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Applications	WB
Species Reactivity	Human,Mouse,Rat
Specificity	This antibody detects endogenous levels of Human Mouse Rat SEK1/MKK4 (phospho-Ser257)
Immunogen Description	Synthesized phosho peptide around human SEK1 (Ser257)
Conjugates	Unconjugated
Other Names	Dual specificity mitogen-activated protein kinase kinase 4 (MAP kinase kinase 4) (MAPKK 4) (EC 2.7.12.2) (JNK-activating kinase 1) (MAPK/ERK kinase 4) (MEK 4) (SAPK/ERK kinase 1) (SEK1) (Stress-activated protein kinase kinase 1) (SAPK kinase 1) (SAPKK-1) (SAPKK1) (c-Jun N-terminal kinase kinase 1) (JNKK)
Accession No.	Swiss Prot:P45985GeneID:6416
SDS-PAGE MW	44
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

WB 1:1000-2000

Background

mitogen-activated protein kinase kinase 4(MAP2K4) Homo sapiens This gene encodes a member of the mitogen-activated protein kinase (MAPK) family. Members of this family act as an integration point for multiple biochemical signals and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation, and development. They form a three-tiered signaling module composed of MAPKKs, MAPKKs, and MAPKs. This protein is phosphorylated at serine and threonine residues by MAPKKs and subsequently phosphorylates downstream MAPK targets at threonine and tyrosine residues. A similar protein in mouse has been reported to play a role in liver organogenesis. A pseudogene of this gene is located on the long arm of chromosome X. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013],

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