

TAK1 (phospho-Ser412) rabbit pAb

Catalog No: #13493



Package Size: #13493-1 50ul #13493-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	TAK1 (phospho-Ser412) rabbit pAb
Host Species	Rabbit
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 TAK1 (phospho-Ser412)
Immunogen Description	Synthesized phospho peptide around human TAK1 (Ser412)
Other Names	Mitogen-activated protein kinase kinase kinase 7 (EC 2.7.11.25) (Transforming growth factor-beta-activated kinase 1) (TGF-beta-activated kinase 1)
Accession No.	Swiss Prot:O43318GeneID:6885
Uniprot	O43318
GeneID	6885
SDS-PAGE MW	70
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 kinase 7(MAP3K7) Homo sapiens The protein encoded by this gene is a member of the serine/threonine protein kinase family. This kinase mediates the signaling transduction induced by TGF beta and morphogenetic protein (BMP), and controls a variety of cell functions including transcription regulation and apoptosis. In response to IL-1, this protein forms a kinase complex including TRAF6, MAP3K7P1/TAB1 and MAP3K7P2/TAB2; this complex is required for the activation of nuclear factor kappa B. This kinase can also activate MAPK8/JNK, MAP2K4/MKK4, and thus plays a role in the cell response to environmental stresses. Four alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008],

Note: This product is for in vitro research use only