



Catalog: OM115180

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Rabbit anti-MAP3K7IP1 polyclonal antibody - N-terminal region

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☐ 20ul ☐ 50ul ☐ 100ul

Product profile

Product name	Rabbit anti-MAP3K7IP1 polyclonal antibody - N-terminal region
Antibody Type	Primary Antibodies
Immunogen	The immunogen for anti-MAP3K7IP1 antibody: synthetic peptide directed towards the N terminal of human MAP3K7IP1

Key Feature

Clonality	Polyclonal
Isotype	IgG
Host Species	Rabbit
Tested Application	WB WB:1:500~1:2000 Notes: Optimal dilutions/concentrations should be determined by the researcher.
Species Reactivity	Human Mouse Rat
Concentration	1mg/ml
Purification	Affinity purified

Target Information

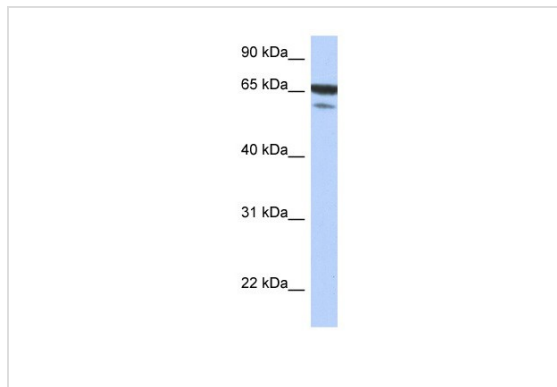
Gene Symbol	MAP3K7IP1
Gene Synonyms	3' -Tab1 MGC57664 TAB1 MAP3K7IP1
Gene Full Name	TGF-beta activated kinase 1/MAP3K7 binding protein 1

Gene Summary	The specific function of the protein remains unknown. The protein encoded by this gene was identified as a regulator of the MAP kinase kinase kinase MAP3K7/TAK1, which is known to mediate various intracellular signaling pathways, such as those induced by TGF beta, interleukin 1, and WNT-1. This protein interacts and thus activates TAK1 kinase. It has been shown that the C-terminal portion of this protein is sufficient for binding and activation of TAK1, while a portion of the N-terminus acts as a dominant-negative inhibitor of TGF beta, suggesting that this protein may function as a mediator between TGF beta receptors and TAK1. This protein can also interact with and activate the mitogen-activated protein kinase 14 (MAPK14/p38alpha), and thus represents an alternative activation pathway, in addition to the MAPKK pathways, which contributes to the biological responses of MAPK14 to various stimuli. Alternatively spliced transcript variants encoding distinct isoforms have been reported.
Alternative Names	3'-Tab1 MGC57664 TAB1 MAP3K7IP1
Molecular Weight(MW)	50kDa
Sequence	462 amino acids

Database Links

Entrez Gene	10454
SwissProt ID	Q8IZW2
Protein Accession	NP_705717

Application



Western blot

0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: THP-1 cell lysate

Application Notes	WB: 1:500~1:2000 Notes: Optimal dilutions/concentrations should be determined by the researcher.
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Additional Information

Form	Liquid
Storage Instructions	Aliquot and store at -20°C. Avoid repeated freeze / thaw cycles
Storage Buffer	phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

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This product is for research use only and is not approved for use in humans or in clinical diagnosis.Primary Antibodies are guaranteed for 1 year from date of receipt

