

Rabbit MAP3K7IP1 Polyclonal Antibody | anti-MAP3K7IP1 antibody

MAP3K7IP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327168	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

MAP3K7IP1; Polyclonal Antibody; MAP3K7IP1 Antibody; 2310012M03Rik; 3'-Tab1; MAP3K7IP 1; MGC57664; Mitogen activated protein kinase kinase kinase 7 interacting protein 1; Mitogen-activated protein kinase kinase kinase 7-interacting protein 1; TAB 1; TAB1; TAB1_HUMAN; TAK1 binding protein 1; TAK1-binding protein 1; TGF beta activated kinase 1 binding protein 1; TGF-beta activated kinase 1/MAP3K7 binding protein 1; TGF-beta-activated kinase 1 and MAP3K7-binding protein 1; TGF-beta-activated kinase 1-binding protein 1; Transforming growth factor beta activated kinase binding protein 1; anti-MAP3K7IP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	MAP3K7IP1 antibody detects endogenous levels of total MAP3K7IP1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	504
Applicable Applications for anti-MAP3K7IP1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MAP3K7IP1
Tissue Specificity	Ubiquitous.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of HeLa whole cell lysates, using MAP3K7IP1 Antibody. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA327168 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-MAP3K7IP1 antibody	Description: The protein encoded by this gene was identified as a regulator of the MAP 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. Function: May be an important signaling intermediate between TGFB receptors and MAP3K7/TAK1. May play an important role in mammalian embryogenesis. Subunit Structure: Interacts with XIAP and BIRC7 (PubMed:17560374, PubMed:11865055). Interacts with TRAF6 and MAP3K7; during IL-1 signaling (PubMed:8638164, PubMed:10094049, PubMed:11323434). Identified in the TRIKA2 complex composed of MAP3K7, TAB1 and TAB2 (PubMed:11460167). Post-translational Modifications: Monoubiquitinated. Deubiquitinated by Y.enterocolitica YopP.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5174703
NCBI GeneID	10454
NCBI Accession #	NP_006107.1
NCBI GenBank Nucleotide #	NM_006116.2
UniProt Accession #	Q15750; Q2PP09; Q8IZW2
Molecular Weight	Observed: 54 kDa Predicted: 55 kDa
NCBI Official Full Name	TGF-beta-activated kinase 1 and MAP3K7-binding protein 1 isoform alpha
NCBI Official Synonym Full Names	TGF-beta activated kinase 1 (MAP3K7) binding protein 1
NCBI Official Symbol	TAB1
NCBI Official Synonym Symbols	3'-Tab1; MAP3K7IP1
NCBI Protein Information	TGF-beta-activated kinase 1 and MAP3K7-binding protein 1
UniProt Protein Name	TGF-beta-activated kinase 1 and MAP3K7-binding protein 1
UniProt Gene Name	TAB1
UniProt Synonym Gene Names	MAP3K7IP1; TAK1-binding protein 1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.