TAB3 Polyclonal Antibody

Catalog No	YP-Ab-06488
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	TAB3 MAP3K7IP3
Protein Name	TGF-beta-activated kinase 1 and MAP3K7-binding protein 3 (Mitogen-activated protein kinase kinase kinase 7-interacting protein 3) (NF-kappa-B-activating protein 1) (TAK1-binding protein 3) (TAB-3) (TG
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	TAB3 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	78kD
Cell Pathway	nucleoplasm,cytoplasm,cytosol,plasma membrane,endosome membrane,extracellular exosome,
Tissue Specificity	Widely expressed. Constitutively overexpressed in certain tumor tissues. ; [Isoform 1]: Major transcript. ; [Isoform 2]: Minor transcript.
Function	function:Adapter linking MAP3K7/TAK1 and TRAF6 or TRAF2. Mediator of MAP3K7 activation, respectively in the IL1 and TNF signaling pathways. Plays a role in activation of NF-kappa-B and AP1 transcription factor. Isoform 2 may be an oncogenic factor.,PTM:Phosphorylated.,PTM:Ubiquitinated; following IL1 stimulation or TRAF6 overexpression.,similarity:Contains 1 CUE domain.,similarity:Contains 1 RanBP2-type zinc finger.,subunit:Interacts with TAB1, TAB2, MAP3K7, TRAF2 and TRAF6. The minimal TAB3-containing complex (TAB1-MAP3K7-TAB3) appears not to contain TAB2. However, it seems sensible to consider that TAB2 may also join this complex and may act in a cooperative manner with TAB3.,tissue specificity:Widely expressed. Constitutively overexpressed in certain tumor tissues. Isoform 1 is a major transcript while isoform 2 is a minor transcript.,

Background	The product of this gene functions in the NF-kappaB signal transduction pathway. The encoded protein, and the similar and functionally redundant protein MAP3K7IP2/TAB2, forms a ternary complex with the protein kinase MAP3K7/TAK1 and either TRAF2 or TRAF6 in response to stimulation with the pro-inflammatory cytokines TNF or IL-1. Subsequent MAP3K7/TAK1 kinase activity triggers a signaling cascade leading to activation of the NF-kappaB transcription factor. The human genome contains a related pseudogene. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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