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Immunotag™ TAB3 Polyclonal Antibody

Antibody Specification

Catalog No.	ITN1620
Product Description	Immunotag™ TAB3 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	TAB3
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	TAB3 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	TAB3 MAP3K7IP3
Accession No.	Q8N5C8 Q571K4

Antibody Specification

Description	TGF-beta activated kinase 1/MAP3K7 binding protein 3(TAB3) Homo sapiens 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],
Cell Pathway/ Category	NOD-like receptor,
Protein Expression	Adipose,Eye,Kidney,
Subcellular Localization	nucleoplasm,cytoplasm,cytosol,plasma membrane,endosome membrane,extracellular exosome,
Protein 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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.