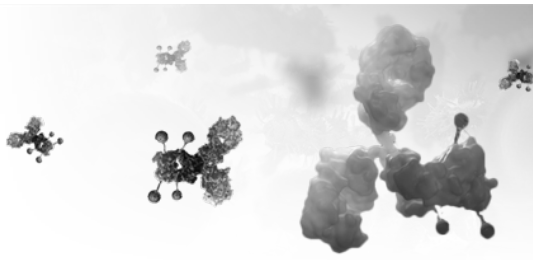

TAB3 blocking peptide (CDBP6235)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	TAB3 TGF-beta activated kinase 1/MAP3K7 binding protein 3 [Homo sapiens (human)]
Official Symbol	TAB3
Synonyms	TAB3; TGF-beta activated kinase 1/MAP3K7 binding protein 3; NAP1; MAP3K7IP3; TGF-beta-activated kinase 1 and MAP3K7-binding protein 3; TAB-3; TAK1-binding protein 3; NFkB

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	activating protein 1; NF-kappa-B-activating protein 1; TGF-beta-activated kinase 1-binding protein 3; mitogen-activated protein kinase kinase kinase 7 interacting protein 3
Entrez Gene ID	257397
mRNA Refseq	NM_152787
Protein Refseq	NP_690000
UniProt ID	Q8N5C8
Pathway	Activated TLR4 signalling; Cytokine Signaling in Immune system; FCERI mediated NF-kB activation; Fc epsilon receptor (FCERI) signaling; IRAK2 mediated activation of TAK1 complex; IRAK2 mediated activation of TAK1 complex upon TLR7/8 or 9 stimulation; Immune System; Innate Immune System
Function	protein binding; zinc ion binding

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