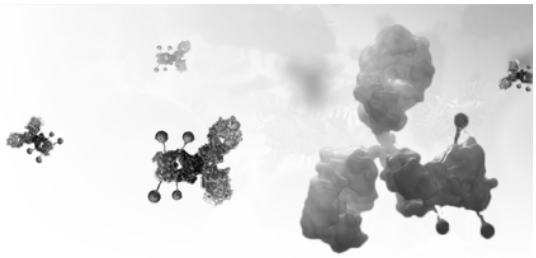

Human TAB3 blocking peptide (CDBP1816)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-MAP3K7IP3 (aa 274 to 285) antibody
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]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	TAB3 TGF-beta activated kinase 1/MAP3K7 binding protein 3 [Homo sapiens]
Official Symbol	TAB3

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Synonyms	TAB3; TGF-beta activated kinase 1/MAP3K7 binding protein 3; MAP3K7IP3, mitogen activated protein kinase kinase kinase 7 interacting protein 3; TGF-beta-activated kinase 1 and MAP3K7-binding protein 3; TAK1 binding protein 3; TAB-3; TAK1-binding protein 3; NFkB 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; NAP1; MAP3K7IP3; MGC45404;
Entrez Gene ID	257397
mRNA Refseq	NM_152787
Protein Refseq	NP_690000
UniProt ID	Q8N5C8
Chromosome Location	Xp21.2
Pathway	Activated TLR4 signalling, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; IRAK2 mediated activation of TAK1 complex, organism-specific biosystem; IRAK2 mediated activation of TAK1 complex upon TLR7/8 or 9 stimulation, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; Interleukin-1 signaling, organism-specific biosystem;
Function	metal ion binding; protein binding; zinc ion binding;

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