



# Human TAB3 blocking peptide (CDBP1817)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-MAP3K7IP3 (aa 59 to 69) antibody
<b>Antigen Description</b>	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]
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">TAB3 TGF-beta activated kinase 1/MAP3K7 binding protein 3 [ Homo sapiens ]</a>
<b>Official Symbol</b>	TAB3

<b>Synonyms</b>	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;
<b>Entrez Gene ID</b>	<a href="#">257397</a>
<b>mRNA Refseq</b>	<a href="#">NM_152787</a>
<b>Protein Refseq</b>	<a href="#">NP_690000</a>
<b>UniProt ID</b>	Q8N5C8
<b>Chromosome Location</b>	Xp21.2
<b>Pathway</b>	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;
<b>Function</b>	metal ion binding; protein binding; zinc ion binding;