



# Human MAP4K1 blocking peptide (CDBP1507)

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-HPK1/MAP4K1 antibody
<b>Antigen Description</b>	MAP4K1 (mitogen-activated protein kinase kinase kinase kinase 1) is a protein-coding gene. Diseases associated with MAP4K1 include pancreatic cancer, and pancreatitis, and among its related super-pathways are MAPK signaling pathway and B cell receptor signaling pathway. GO annotations related to this gene include protein serine/threonine kinase activity and small GTPase regulator activity. An important paralog of this gene is TAOK2.
<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="#">MAP4K1 mitogen-activated protein kinase kinase kinase kinase 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	MAP4K1
<b>Synonyms</b>	MAP4K1; mitogen-activated protein kinase kinase kinase kinase 1; hematopoietic progenitor kinase 1; HPK1; MEKKK 1; MEK kinase kinase 1; MAPK/ERK kinase kinase kinase 1;
<b>Entrez Gene ID</b>	<a href="#">11184</a>

<b>mRNA Refseq</b>	<a href="#">NM_001042600</a>
<b>Protein Refseq</b>	<a href="#">NP_001036065</a>
<b>UniProt ID</b>	Q92918
<b>Chromosome Location</b>	19q13.1-q13.4
<b>Pathway</b>	B Cell Receptor Signaling Pathway, organism-specific biosystem; BCR signaling pathway, organism-specific biosystem; Insulin Signaling, organism-specific biosystem; JNK signaling in the CD4+ TCR pathway, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, conserved biosystem;
<b>Function</b>	ATP binding; MAP kinase kinase kinase kinase activity; nucleotide binding; protein binding; protein kinase activity; protein serine/threonine kinase activity; small GTPase regulator activity;