



Human MAP4K1 blocking peptide (CDBP1507)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-HPK1/MAP4K1 antibody
Antigen Description	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.
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	MAP4K1 mitogen-activated protein kinase kinase kinase kinase 1 [Homo sapiens]
Official Symbol	MAP4K1
Synonyms	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;
Entrez Gene ID	11184

mRNA Refseq	NM_001042600
Protein Refseq	NP_001036065
UniProt ID	Q92918
Chromosome Location	19q13.1-q13.4
Pathway	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;
Function	ATP binding; MAP kinase kinase kinase kinase activity; nucleotide binding; protein binding; protein kinase activity; protein serine/threonine kinase activity; small GTPase regulator activity;