



Human MARK4 blocking peptide (CDBP1828)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-MARK4 antibody
Antigen Description	This gene encodes a member of the microtubule affinity-regulating kinase family. These protein kinases phosphorylate microtubule-associated proteins and regulate the transition between stable and dynamic microtubules. The encoded protein is associated with the centrosome throughout mitosis and may be involved in cell cycle control. Expression of this gene is a potential marker for cancer, and the encoded protein may also play a role in Alzheimer's disease. Pseudogenes of this gene are located on both the short and long arm of chromosome 3. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2010]
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	MARK4 MAP/microtubule affinity-regulating kinase 4 [Homo sapiens]
Official Symbol	MARK4

Synonyms	MARK4; MAP/microtubule affinity-regulating kinase 4; MAP/microtubule affinity regulating kinase like 1 , MARKL1; FLJ90097; KIAA1860; Nbla00650; MARK4 serine/threonine protein kinase; MAP/microtubule affinity-regulating kinase like 1; MARK4L; MARK4S; MARKL1; MARKL1L; FLJ12177;
Entrez Gene ID	57787
mRNA Refseq	NM_001199867
Protein Refseq	NP_001186796
UniProt ID	Q96L34
Chromosome Location	19q13.2
Pathway	LKB1 signaling events, organism-specific biosystem;
Function	ATP binding; ATP binding; gamma-tubulin binding; microtubule binding; nucleotide binding; protein binding; protein serine/threonine kinase activity; protein serine/threonine kinase activity; protein serine/threonine kinase activity; tau-protein kinase act