



Human CENPE blocking peptide (CDBP0767)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Centromere protein E antibody
Antigen Description	Centrosome-associated protein E is a kinesin-like motor protein that accumulates in the G2 phase of the cell cycle. Unlike other centrosome-associated proteins, it is not present during interphase and first appears at the centromere region of chromosomes during prometaphase. CENPE is proposed to be one of the motors responsible for mammalian chromosome movement and/or spindle elongation.
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	CENPE centromere protein E, 312kDa [Homo sapiens]
Official Symbol	CENPE
Synonyms	CENPE; centromere protein E, 312kDa; centromere protein E (312kD); centromere-associated protein E; KIF10; PPP1R61; protein phosphatase 1; regulatory subunit 61; kinesin family member 10; kinesin-related protein CENPE; Centromere autoantigen E (312kD); protein

phosphatase 1, regulatory subunit 61; CENP-E;

Entrez Gene ID	1062
mRNA Refseq	NM_001813
Protein Refseq	NP_001804
UniProt ID	Q02224
Chromosome Location	4q24-q25
Pathway	Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; DNA Replication, organism-specific biosystem; Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem; Kinesins, organism-specific biosystem; M Phase, organism-specific biosystem;
Function	ATP binding; kinetochore binding; microtubule motor activity; nucleotide binding; protein binding; protein kinase binding;