



Human AURKC blocking peptide (CDBP0537)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-AURKC antibody
Antigen Description	This gene encodes a member of the Aurora subfamily of serine/threonine protein kinases. The encoded protein is a chromosomal passenger protein that forms complexes with Aurora-B and inner centromere proteins and may play a role in organizing microtubules in relation to centrosome/spindle function during mitosis. This gene is overexpressed in several cancer cell lines, suggesting an involvement in oncogenic signal transduction. Alternative splicing results in multiple transcript variants.
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	AURKC aurora kinase C [Homo sapiens]
Official Symbol	AURKC
Synonyms	AURKC; aurora kinase C; serine/threonine kinase 13 (aurora/IPL1 like) , STK13; ARK3; AurC; ARK-3; aurora 3; aurora-related kinase 3; aurora/IPL1/EG2 protein 2; aurora/IPL1-related

kinase 3; serine/threonine-protein kinase 13; serine/threonine-protein kinase aurora-C;
serine/threonine kinase 13 (aurora/IPL1-like); AIE2; AIK3; SPGF5; STK13; aurora-C;

Entrez Gene ID	6795
mRNA Refseq	NM_001015878
Protein Refseq	NP_001015878
UniProt ID	Q9UQB9
Chromosome Location	19q13.3-qter
Pathway	Aurora B signaling, organism-specific biosystem; Aurora C signaling, organism-specific biosystem; Signaling by Aurora kinases, organism-specific biosystem;
Function	ATP binding; nucleotide binding; protein kinase activity; protein serine/threonine kinase activity; protein serine/threonine/tyrosine kinase activity;