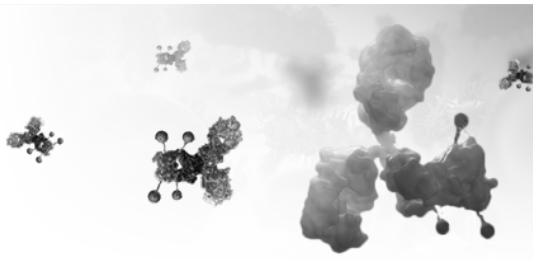

Human ITPKC blocking peptide (CDBP1608)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-IP3KC antibody
Antigen Description	This gene encodes a member of the inositol 1,4,5-trisphosphate [Ins(1,4,5)P(3)] 3-kinase family of enzymes that catalyze the phosphorylation of inositol 1,4,5-trisphosphate to 1,3,4,5-tetrakisphosphate. The encoded protein is localized to the nucleus and cytoplasm and has both nuclear import and nuclear export activity. Single nucleotide polymorphisms in this gene are associated with Kawasaki disease.[provided by RefSeq, Sep 2009]
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	ITPKC inositol-trisphosphate 3-kinase C [Homo sapiens (human)]
Official Symbol	ITPKC
Synonyms	ITPKC; inositol-trisphosphate 3-kinase C; IP3KC; IP3-3KC; IP3K C; IP3 3-kinase C; InsP 3 kinase C; insP 3-kinase C; inositol 1,4,5-trisphosphate 3-kinase C;
Entrez Gene ID	80271

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mRNA Refseq	NM_025194.2
Protein Refseq	NP_079470.1
UniProt ID	Q96DU7
Chromosome Location	19q13.1
Pathway	1D-myo-inositol hexakisphosphate biosynthesis II (mammalian), organism-specific biosystem; 1D-myo-inositol hexakisphosphate biosynthesis II (mammalian), conserved biosystem; Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; D-myo-inositol (1,3,4)-trisphosphate biosynthesis, organism-specific biosystem; D-myo-inositol (1,3,4)-trisphosphate biosynthesis, conserved biosystem; Inositol phosphate metabolism, organism-specific biosystem; Inositol p
Function	ATP binding; calmodulin binding; inositol-1,4,5-trisphosphate 3-kinase activity;

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