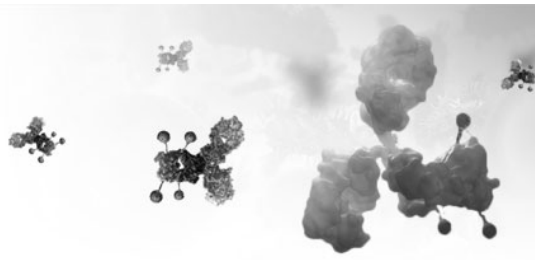

Human KIF4A blocking peptide (CDBP1683)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-KIF4A antibody
Antigen Description	This gene encodes a member of the kinesin 4 subfamily of kinesin related proteins. The encoded protein is an ATP dependent microtubule-based motor protein that is involved in the intracellular transport of membranous organelles. This protein also associates with condensed chromosome arms and may be involved in maintaining chromosome integrity during mitosis. This protein may also be involved in the organization of the central spindle prior to cytokinesis. A pseudogene of this gene is found on chromosome X.[provided by RefSeq, Mar 2010]
Nature	Synthetic
Expression System	N/A
Species	Human
Species Reactivity	Human, Mouse, Cow, Pig, Rat
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Procedure	None
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

ANTIGEN GENE INFORMATION

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Gene Name	KIF4A kinesin family member 4A [Homo sapiens]
Official Symbol	KIF4A
Synonyms	KIF4A; kinesin family member 4A; chromosome-associated kinesin KIF4A; chromokinesin; FLJ12530; FLJ12655; FLJ14204; FLJ20631; HSA271784; KIF4; KIF4 G1; chromokinesin-A; KIF4G1;
Entrez Gene ID	24137
mRNA Refseq	NM_012310
Protein Refseq	NP_036442
UniProt ID	O95239
Chromosome Location	Xq13.1
Pathway	Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem; Kinesins, organism-specific biosystem; L1CAM interactions, organism-specific biosystem; Recycling pathway of L1, organism-specific biosystem;
Function	ATP binding; DNA binding; microtubule motor activity; nucleotide binding;

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