



Human KPNA3 blocking peptide (CDBP1709)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-KPNA3/IPOA4 antibody
Antigen Description	The transport of molecules between the nucleus and the cytoplasm in eukaryotic cells is mediated by the nuclear pore complex (NPC), which consists of 60-100 proteins. Small molecules (up to 70 kD) can pass through the nuclear pore by nonselective diffusion while larger molecules are transported by an active process. The protein encoded by this gene belongs to the importin alpha family, and is involved in nuclear protein import. [provided by RefSeq, Jan 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	KPNA3 karyopherin alpha 3 (importin alpha 4) [Homo sapiens]
Official Symbol	KPNA3
Synonyms	KPNA3; karyopherin alpha 3 (importin alpha 4); importin subunit alpha-3; hSRP1; IPOA4; SRP1gamma; SRP4; qip2; SRP1-gamma; importin alpha 4; importin alpha-3; importin alpha

Q2; importin-alpha-Q2; karyopherin subunit alpha-3; SRP1;

Entrez Gene ID	3839
mRNA Refseq	NM_002267
Protein Refseq	NP_002258
UniProt ID	O00505
Chromosome Location	13q14.3
Pathway	Antiviral mechanism by IFN-stimulated genes, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; ISG15 antiviral mechanism, organism-specific biosystem; Immune System, organism-specific biosystem; Interferon Signaling, organism-specific biosystem; TNF-alpha/NF-kB Signaling Pathway, organism-specific biosystem;
Function	nuclear localization sequence binding; protein C-terminus binding; protein binding; protein transporter activity;