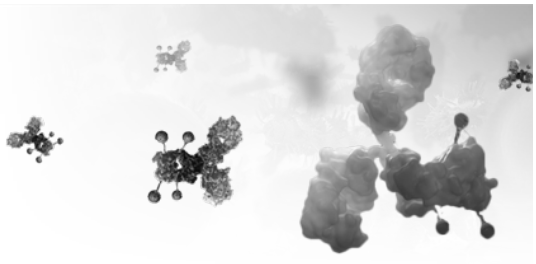

KPNA4 blocking peptide (CDBP5654)

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

PRODUCT INFORMATION

Antigen Description	The nuclear import of karyophilic proteins is directed by short amino acid sequences termed nuclear localization signals (NLSs). Karyopherins, or importins, are cytoplasmic proteins that recognize NLSs and dock NLS-containing proteins to the nuclear pore complex. The protein encoded by this gene shares the sequence similarity with Xenopus importin-alpha and Saccharomyces cerevisiae Srp1. This protein is found to interact with the NLSs of DNA helicase Q1 and SV40 T antigen. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	KPNA4 karyopherin alpha 4 (importin alpha 3) [Homo sapiens (human)]
Official Symbol	KPNA4
Synonyms	KPNA4; karyopherin alpha 4 (importin alpha 3); QIP1; SRP3; IPOA3; importin subunit alpha-3; importin alpha Q1; importin subunit alpha-4; karyopherin subunit alpha-4
Entrez Gene ID	3840

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mRNA Refseq	NM_002268
Protein Refseq	NP_002259
UniProt ID	O00629
Pathway	Antiviral mechanism by IFN-stimulated genes; Cytokine Signaling in Immune system; ISG15 antiviral mechanism; Immune System; Interferon Signaling; Leptin signaling pathway
Function	protein binding; protein transporter activity

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