

KPNA3 rabbit monoclonal antibody

Catalog # H00003839-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human KPNA3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human KPNA3 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human KPNA3 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — KPNA3

Entrez GeneID	3839
GeneBank Accession#	KPNA3
Gene Name	KPNA3
Gene Alias	IPOA4, SRP1, SRP1gamma, SRP4, hSRP1
Gene Description	karyopherin alpha 3 (importin alpha 4)
Omim ID	601892
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	OTTHUMP00000018426 importin alpha 4 importin alpha-3 importin-alpha-Q2 karyopherin alpha 3

Disease

- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)