

KPNA5 rabbit monoclonal antibody

Catalog # H00003841-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human KPNA5 peptide using ARM Technology.
Immunogen	A synthetic peptide of human KPNA5 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 KPNA5 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 — KPNA5

Entrez GeneID [3841](#)

GeneBank Accession# [KPNA5](#)

Gene Name KPNA5

Gene Alias IPOA6, SRP6

Gene Description karyopherin alpha 5 (importin alpha 6)

Omim ID [604545](#)

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 and is probably 120 million daltons in molecular size. Small molecules (up to 70 kD) can pass through the nuclear pore by non selective diffusion; larger molecules are transported by an active process. Most nuclear proteins contain short basic amino acid sequences known as nuclear localization signals (NLSs). KPNA5 protein belongs to the importin alpha protein family and is thought to be involved in NLS-dependent protein import into the nucleus. [provided by RefSeq]

Other Designations OTTHUMP00000017076|importin alpha 6|karyopherin alpha 5