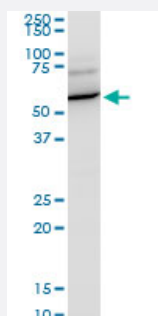


KPNA1 polyclonal antibody (A02)

Catalog # H00003836-A02

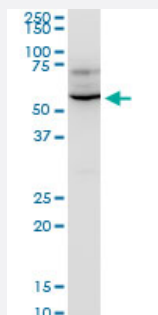
Size 50 uL

Applications



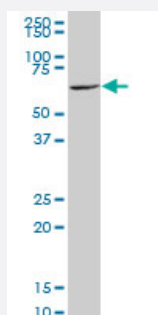
Western Blot (Cell lysate)

KPNA1 polyclonal antibody (A02), Lot # 061025JCS1. Western Blot analysis of KPNA1 expression in PC-12.



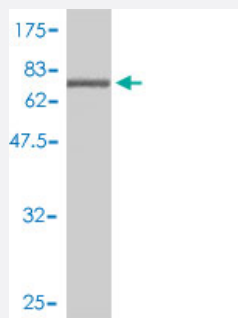
Western Blot (Cell lysate)

KPNA1 polyclonal antibody (A02), Lot # 061025JCS1. Western Blot analysis of KPNA1 expression in Raw 264.7.



Western Blot (Cell lysate)

KPNA1 polyclonal antibody (A02), Lot # 061025JCS1 Western Blot analysis of KPNA1 expression in NIH/3T3 (Cat # L018V1).



Western Blot detection against Immunogen (85.29 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant KPNA1.
Immunogen	KPNA1 (AAH02374.1, 1 a.a. ~ 538 a.a) full-length recombinant protein with GST tag.
Sequence	MTTPGKENFRLKSYKNKSLNPDEMRRRREEEGLQLRKQKREEQLFKRRNVATAEEEEEEEEVMS DGGFHEAQINMEMAPGGVITSDMIEMIFSKSPEQQLSATQKFRKLLSKEPNPPIDEVISTPGVVA RFVEFLKRKENCTLQFESAWVLTNISGNSLQTRVIQAGAVPIFIELLSSEFEDVQEQAVWALGNI AGDSTMCRDYVLD CNILPPLLQLFSKQNR LTMTRNAVWALS NLCRGKSPPEFAKVSPCLNVLS WLLFVSDTDVLADACWALS YLSDGPNDKIQAVIDAGVCRRLVELLMHNDYKVVSPALRAVGNIVT GDDIQTQVILNCSALQSLLHLLSSPKESIKKEACWTISNITAGNRAQIQTVIDANIFPALISILQTAEFRT RKEAAWAITNATSGGSAEQIKYLVELGCIKPLCDLLTVMDSKIVQVALNGLENILRLGEQEAKRNGT GINPYCALIEEAYGLDKIEFLQSHENQEIQKAFDLIEHYFGTEDEDSSIAPQVDLNQQQYIFQQCEA PMEGFQL
Host	Mouse
Reactivity	Human, Mouse, Rat
Interspecies Antigen Sequence	Mouse (98); Rat (99)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (85.29 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

KPNA1 polyclonal antibody (A02), Lot # 061025JCS1. Western Blot analysis of KPNA1 expression in PC-12.

[Protocol Download](#)

- Western Blot (Cell lysate)

KPNA1 polyclonal antibody (A02), Lot # 061025JCS1. Western Blot analysis of KPNA1 expression in Raw 264.7.

[Protocol Download](#)

- Western Blot (Cell lysate)

KPNA1 polyclonal antibody (A02), Lot # 061025JCS1 Western Blot analysis of KPNA1 expression in NIH/3T3 (Cat # L018V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — KPNA1

Entrez GeneID [3836](#)

GeneBank Accession# [BC002374](#)

Protein Accession# [AAH02374.1](#)

Gene Name KPNA1

Gene Alias IPOA5, NPI-1, RCH2, SRP1

Gene Description karyopherin alpha 1 (importin alpha 5)

Omim ID [600686](#)

Gene Ontology [Hyperlink](#)

Gene Summary Recombination activating proteins RAG1 and RAG2 regulate and mediate V(D)J recombination, the process by which genes for immunoglobulins and T-cell receptors are generated. Several other ubiquitously expressed proteins are thought to be recruited in the recombination process. Among these are the genes affected in severe combined immune deficiency and genes involved in ds-DNA break repair. The protein encoded by this gene interacts with RAG1 and may play a role in V(D)J recombination. Two transcript variants, one protein-coding and the other not, have been found for this gene. [provided by RefSeq]

Other Designations importin alpha 5|importin-alpha-S1|karyopherin alpha 1|nucleoprotein interactor 1|recombination activating gene cohort 2

Publication Reference

- [Nuclear localization of endogenous RGK proteins and modulation of cell shape remodeling by regulated nuclear transport.](#)

Mahalakshmi RN, Ng MY, Guo K, Qi Z, Hunziker W, Beguin P.

Traffic 2007 Jul; 8(9):1164.

Application: WB, Human, HeLa cells