

## anti- KPNA1 antibody

### Product Information

Catalog No.:	FNab04634
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

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. This protein interacts with the recombination activating gene 1 (RAG1) protein and is a putative substrate of the RAG1 ubiquitin ligase. Alternative splicing results in multiple transcript variants.

### Immunogen information

Immunogen:	karyopherin alpha 1 (importin alpha 5)
Synonyms:	RCH2
Observed MW:	66 kDa
Uniprot ID :	P52294

### Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF
Recommended dilution:	WB: 1:500 - 1:2000; IHC: 1:50 - 1:200; IF: 1:50 - 1:200
Image:	

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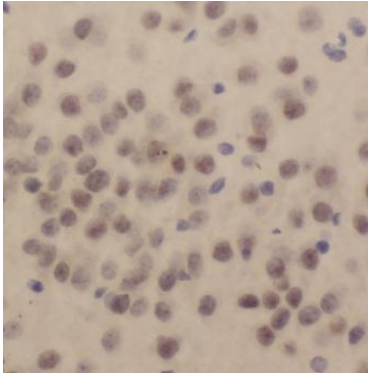
### Wuhan Fine Biotech Co., Ltd.

B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

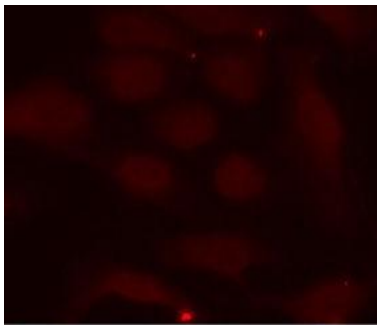
Tel : (0086)027-87384275

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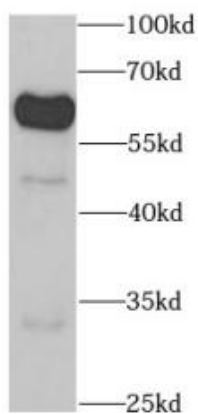
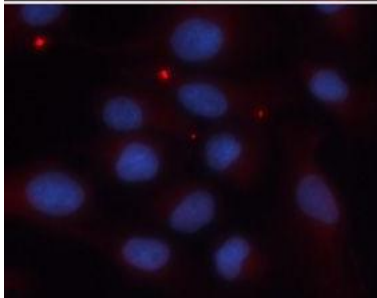
[www.fn-test.com](http://www.fn-test.com)



Immunohistochemistry of paraffin-embedded human lung cancer using FNab04634(KPNA1 antibody) at dilution of 1:50



Immunofluorescence analysis of U2OS cells using FNab04634(KPNA1 antibody) at dilution of 1:100



K-562 cells were subjected to SDS PAGE followed by western blot with FNab04634(KPNA1 antibody) at dilution of 1:1000