

KPNA1 Rabbit Polyclonal Antibody



CAB1742

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

60kDa/70kDa

Calculated MW:

60kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Protein 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

Gene ID:

3836

Uniprot

P52294

Synonyms:

KPNA1; IPOA5; NPI-1; RCH2; SRP1

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

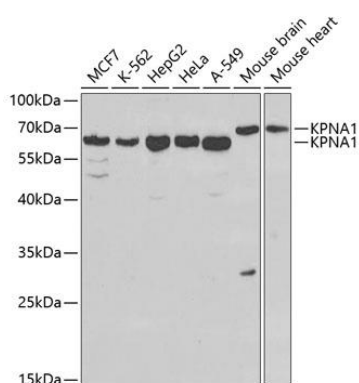
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human KPNA1 (NP_002255.3).

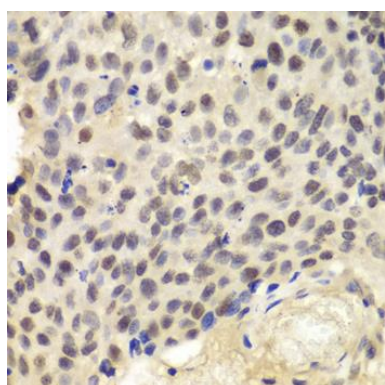
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

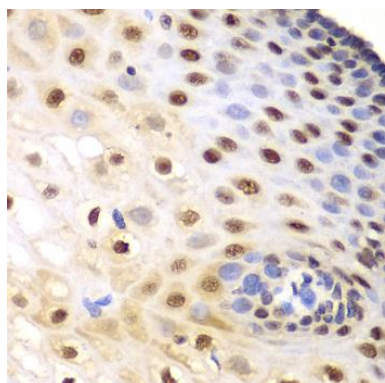
Product Images



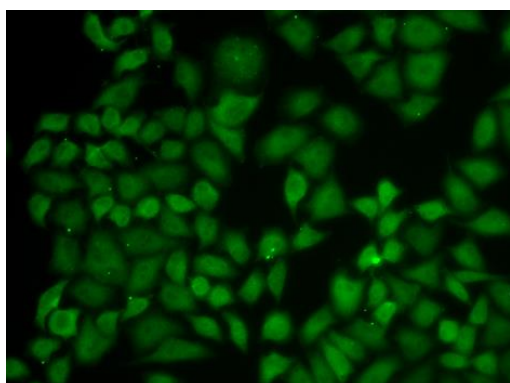
Western blot analysis of extracts of various cell lines, using KPNA1 antibody (CAB1742) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Immunohistochemistry of paraffin-embedded human lung cancer using KPNA1 antibody (CAB1742) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human esophagus using KPNA1 antibody (CAB1742) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of A549 cells using KPNA1 antibody (CAB1742).