

Anti KPNA4 Antibody

Catalog No: tcsa17246



Available Sizes

Size: 100µl



Specifications

Application:

WB, IHC, IF

Species Reactivity:

Human, Mouse, Rat

Host Species:

Rabbit

Immunogen / Amino acids:

Recombinant protein of human KPNA4

Conjugation:

Unconjugated

Clonality:

Polyclonal

Isotype:

IgG

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Recommended Dilution:

WB 1:500 - 1:2000

IHC 1:50 - 1:200

IF 1:50 - 1:200

Storage Instruction:

Store at -20C. Avoid freeze / thaw cycles.

Alternative Names:

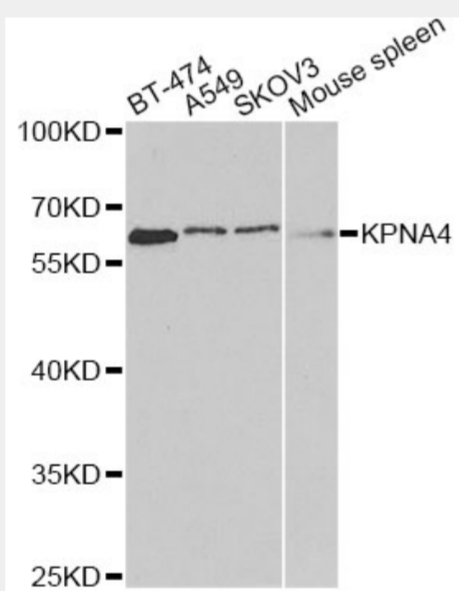
KPNA4 antibody; Importin subunit alpha-3 antibody; Importin alpha Q1 antibody; Qip1 antibody; Karyopherin subunit alpha-4 antibody; KPNA4 antibody; QIP1 antibody

SwissProt:

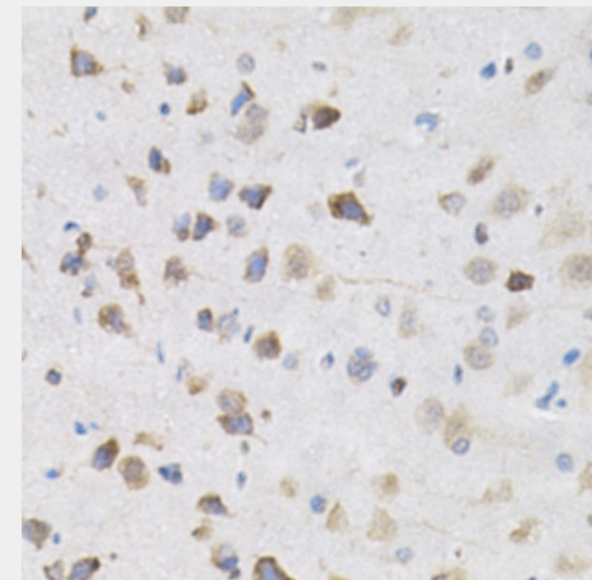
O00629

Product Description

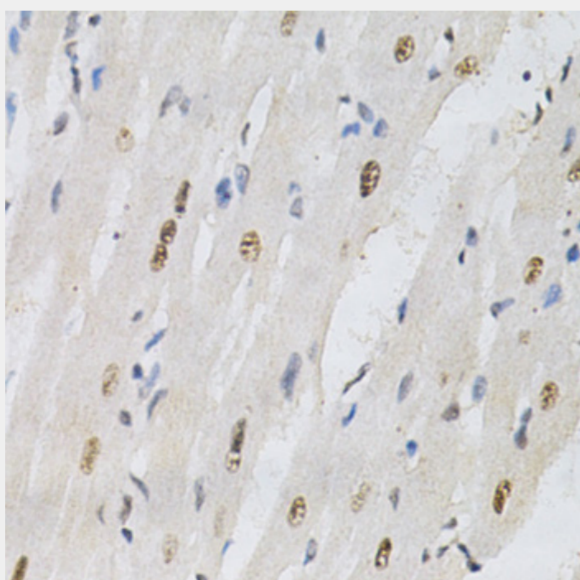
The nuclear import of karyophilic proteins is directed by short amino acid sequences termed nuclear localization signals (NLSs). Karyopherins, or importins, are cytoplasmic proteins that recognize NLSs and dock NLS-containing proteins to the nuclear pore complex. The protein encoded by this gene shares the sequence similarity with *Xenopus* importin-alpha and *Saccharomyces cerevisiae* Srp1. This protein is found to interact with the NLSs of DNA helicase Q1 and SV40 T antigen.



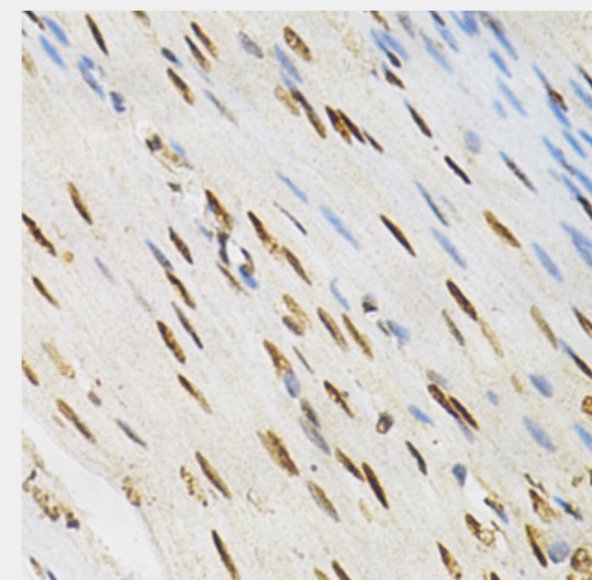
Western blot analysis of extracts of various cell lines, using KPNA4 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.



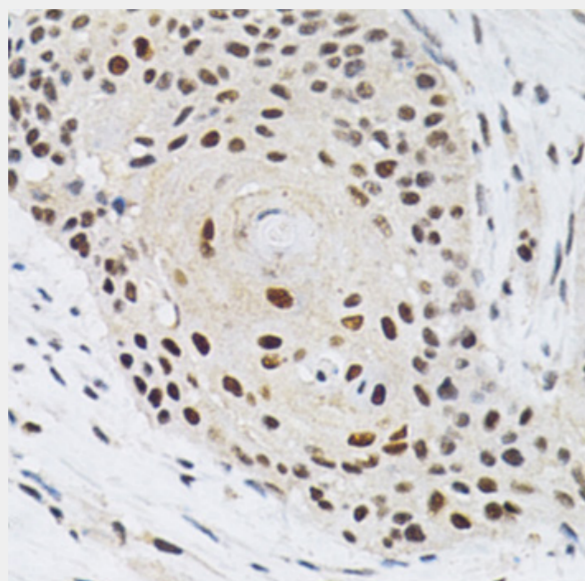
Immunohistochemistry of paraffin-embedded rat brain using KPNA4 Antibody at dilution of 1:200 (40x lens).



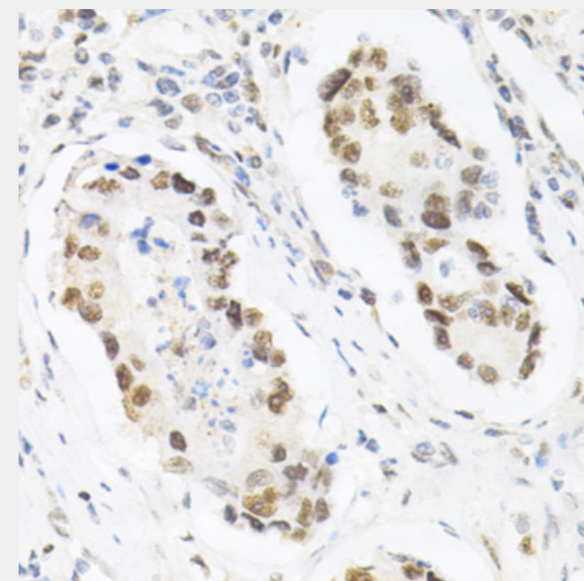
Immunohistochemistry of paraffin-embedded rat heart using KPNA4 Antibody at dilution of 1:200 (40x lens).



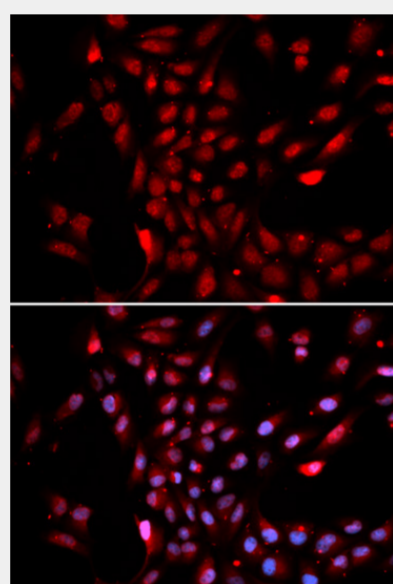
Immunohistochemistry of paraffin-embedded human colonic muscle using KPNA4 Antibody at dilution of 1:200 (40x lens).



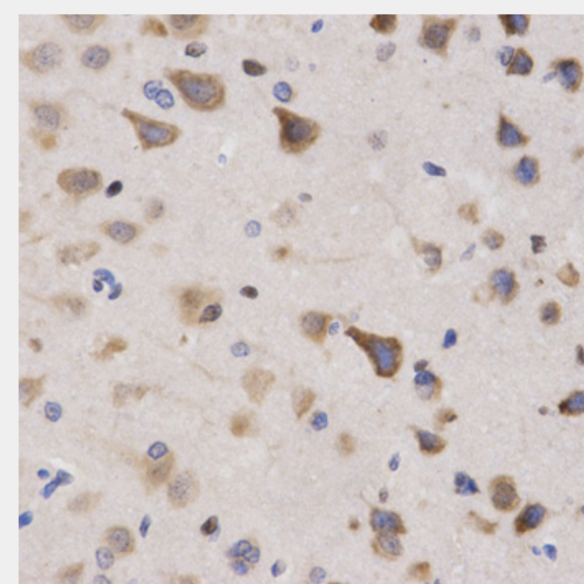
Immunohistochemistry of paraffin-embedded human esophageal cancer using KPNA4 Antibody at dilution of 1:200 (40x lens).



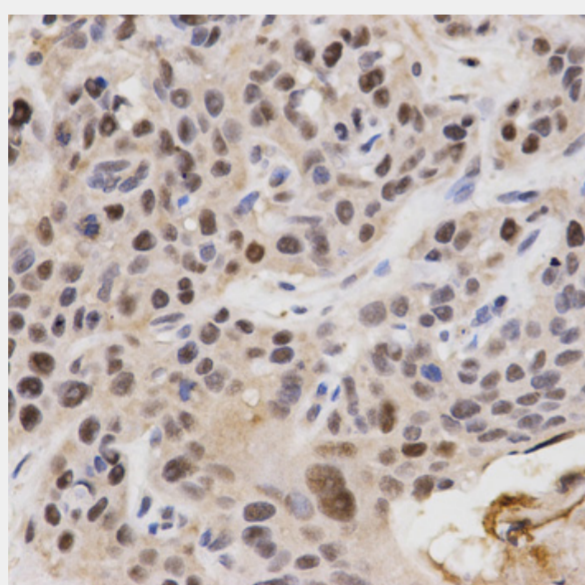
Immunohistochemistry of paraffin-embedded human gastric cancer using KPNA4 Antibody at dilution of 1:200 (40x lens).



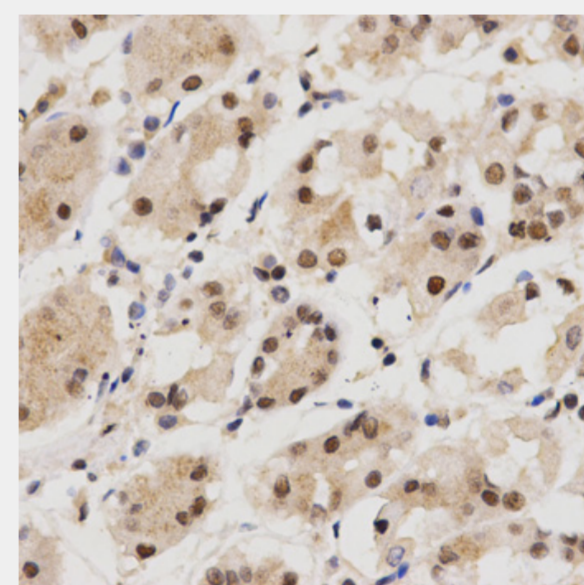
Immunofluorescence analysis of U2OS cells using KPNA4 antibody. Blue: DAPI for nuclear staining.



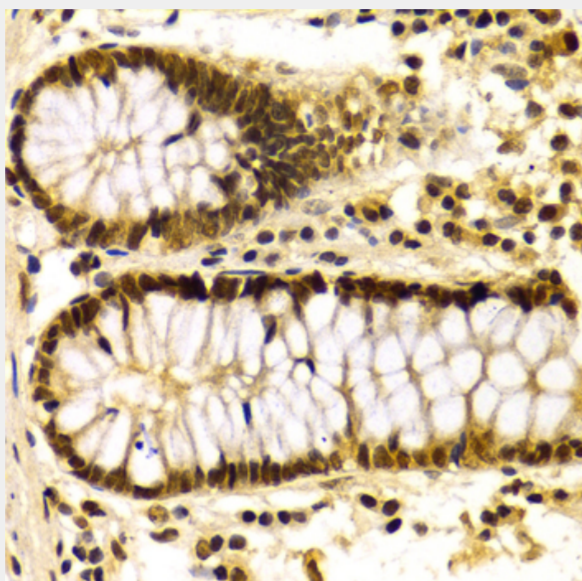
Immunohistochemistry of paraffin-embedded rat brain using KPNA4 Antibody at dilution of 1:200 (40x lens).



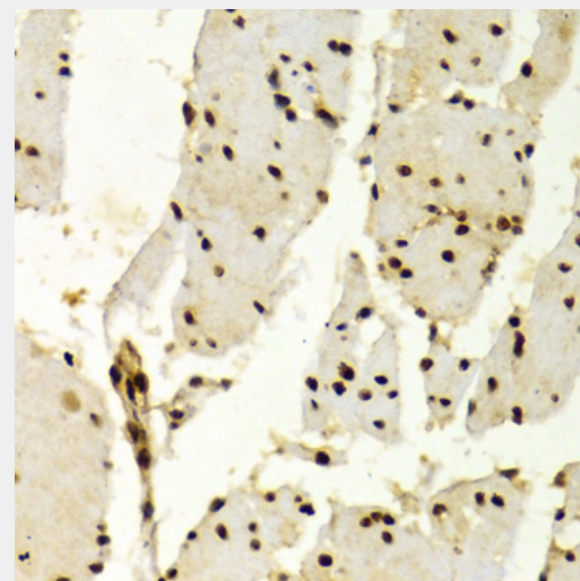
Immunohistochemistry of paraffin-embedded human esophageal cancer using KPNA4 Antibody at dilution of 1:200 (40x lens).



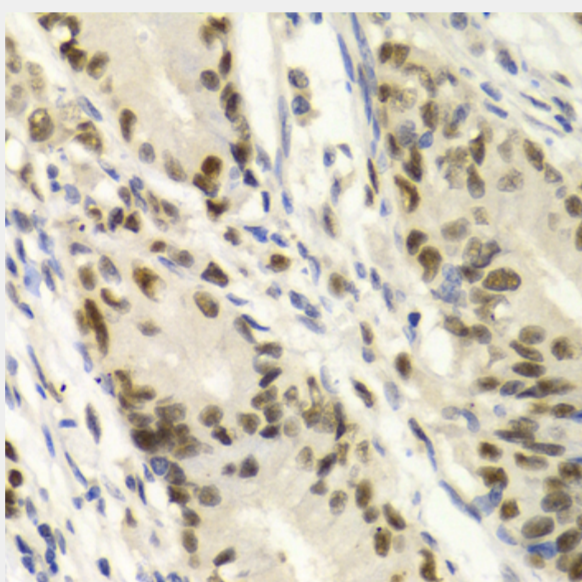
Immunohistochemistry of paraffin-embedded human stomach using KPNA4 Antibody at dilution of 1:200 (40x lens).



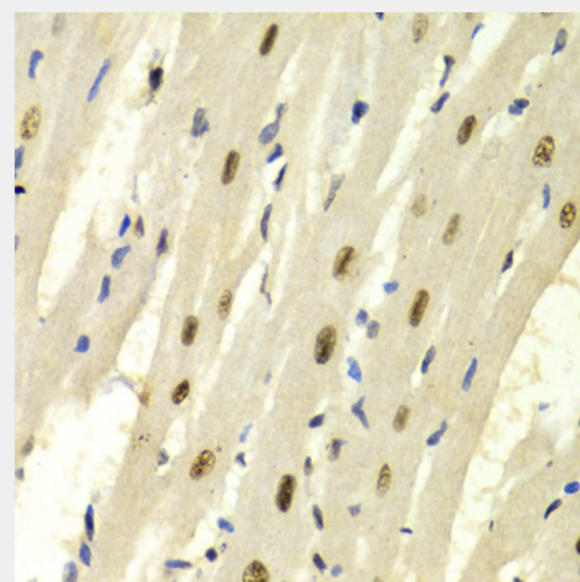
Immunohistochemistry of paraffin-embedded human colon using KPNA4 Antibody at dilution of 1:100 (40x lens).



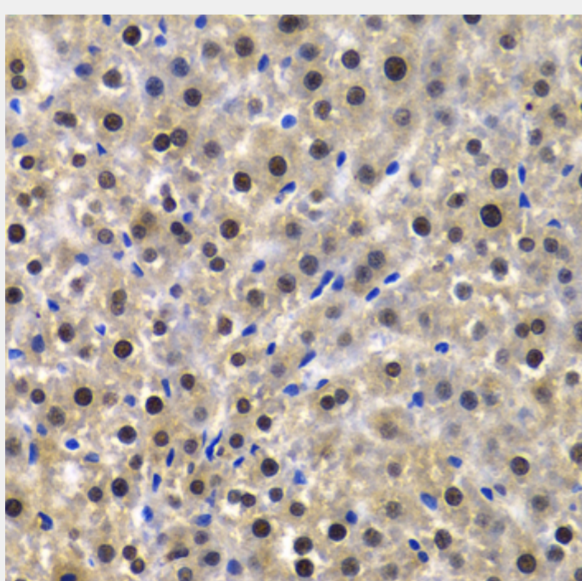
Immunohistochemistry of paraffin-embedded human esophagus using KPNA4 Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human gastric cancer using KPNA4 Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat heart using KPNA4 Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat liver using KPNA4 Antibody at dilution of 1:100 (40x lens).

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!