Web: www.taiclone.com
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Email: order@taiclone.com

KPNA4 Polyclonal Antibody

Catalog No: tcba7177

Available Sizes

Size: 50ul

Size: 100ul

Size: 200ul

Specifications

Application:
WB,IHC,IF

Species Reactivity:
Human,Mouse,Rat

Host Species:
Rabbit

Isotype:
IgG

Form:
Liquid

Storage Buffer:
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 -20℃. Avoid freeze / thaw cycles.

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Alternative Names:
IPOA3;QIP1;SRP3

SwissProt:
O00629

Gene ID:
3840 (human);

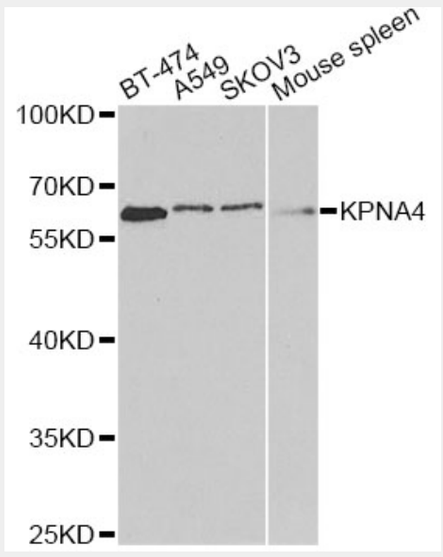
Calculated Molecular Weight:
57kDa

Purification:
Affinity purification

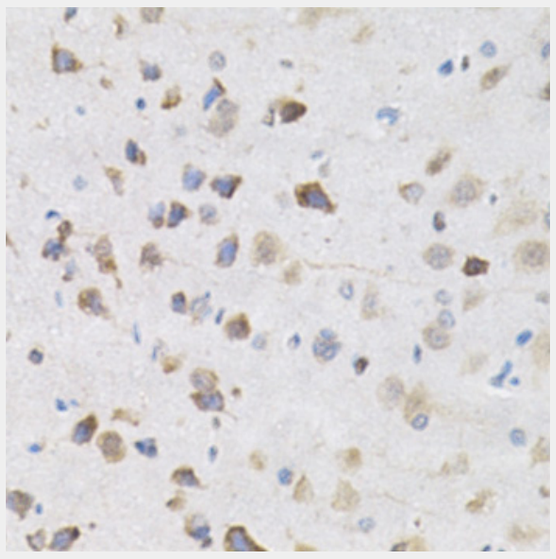
Cellular Location:
Cytoplasm,Nucleus,

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).

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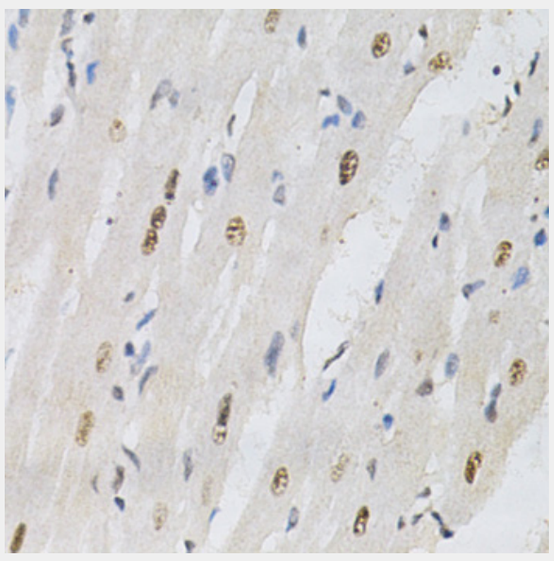
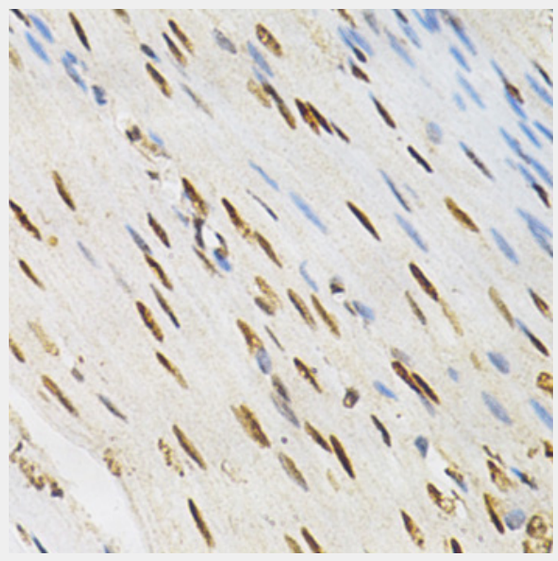
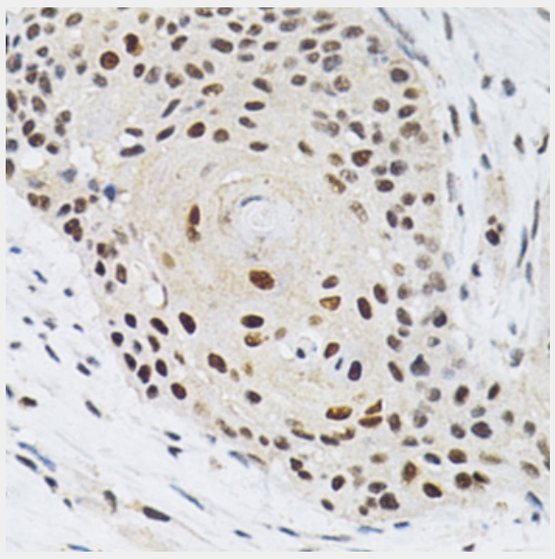


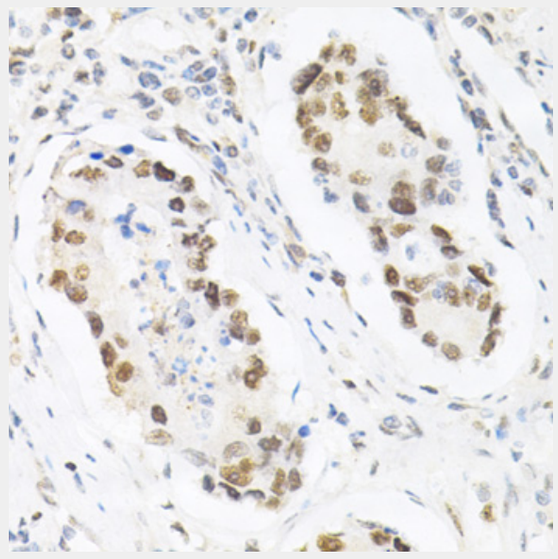
Immunohistochemistry of paraffin-embedded rat heart using KPNA4 Antibody at dilution of 1:200 (40x lens).



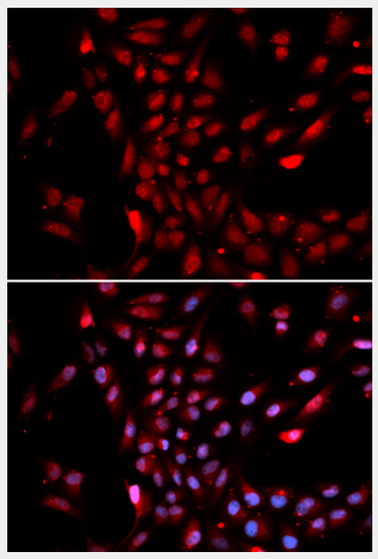
Immunohistochemistry of paraffin-embedded human colonic muscle using KPNA4 Antibody at dilution of 1:200 (40x lens).



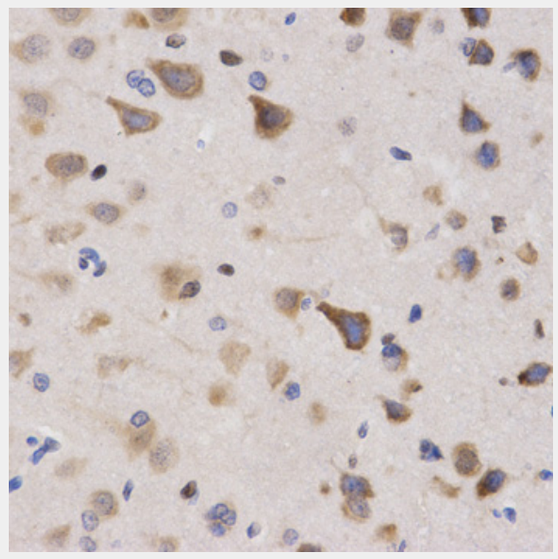
Immunohistochemistry of paraffin-embedded human esophageal cancer using KPNA4 Antibody at dilution of 1:200 (40x lens).



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).

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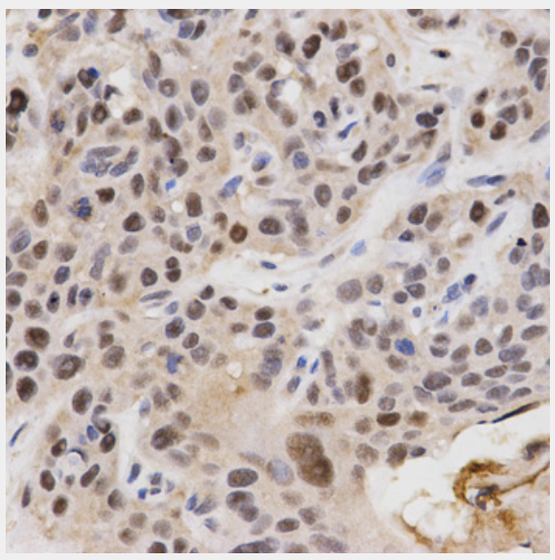
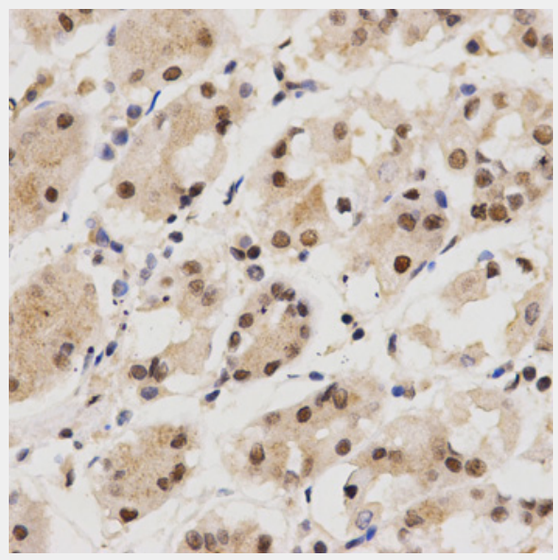
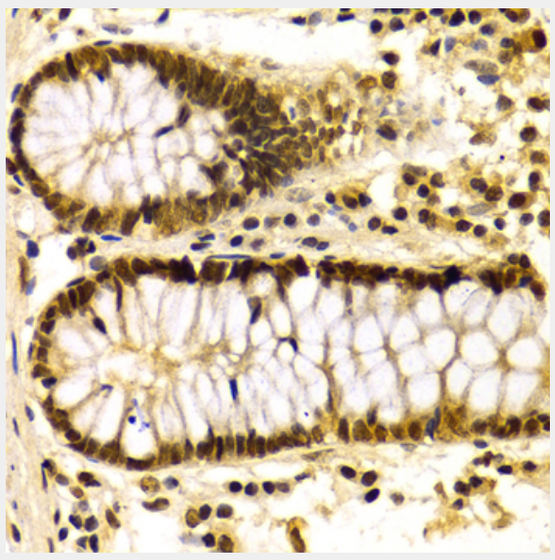


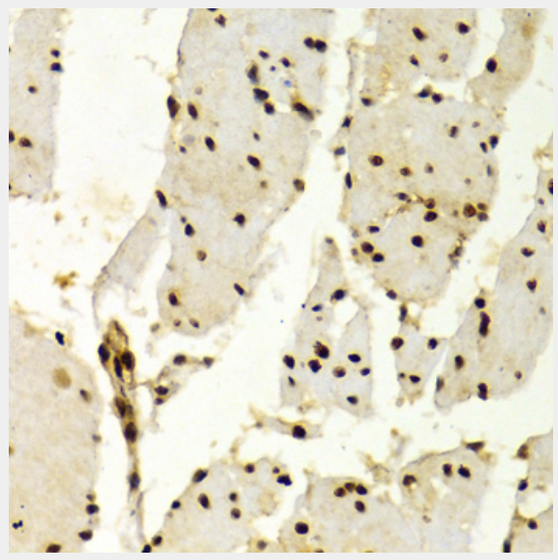
Immunohistochemistry of paraffin-embedded human esophageal cancer using KPNA4 Antibody at dilution of 1:200 (40x lens).



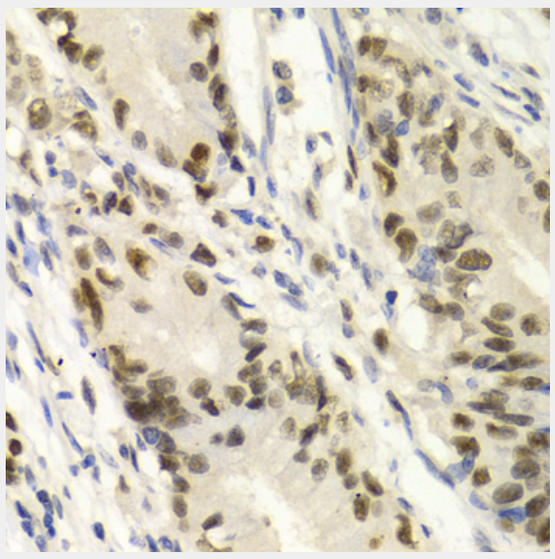
Immunohistochemistry of paraffin-embedded human stomach using KPNA4 Antibody at dilution of 1:200 (40x lens).



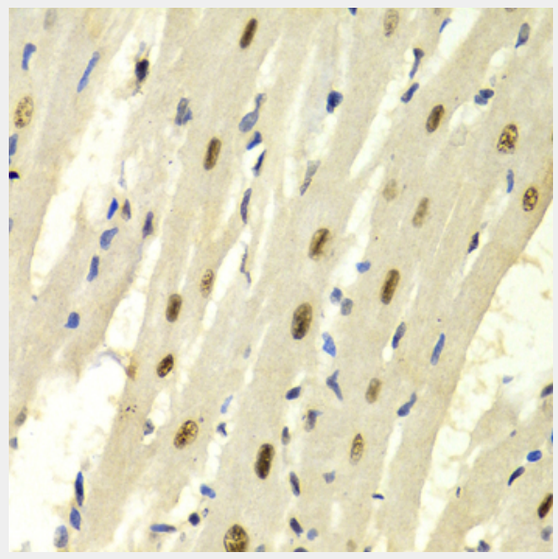
Immunohistochemistry of paraffin-embedded human colon using KPNA4 Antibody at dilution of 1:100 (40x lens).



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).

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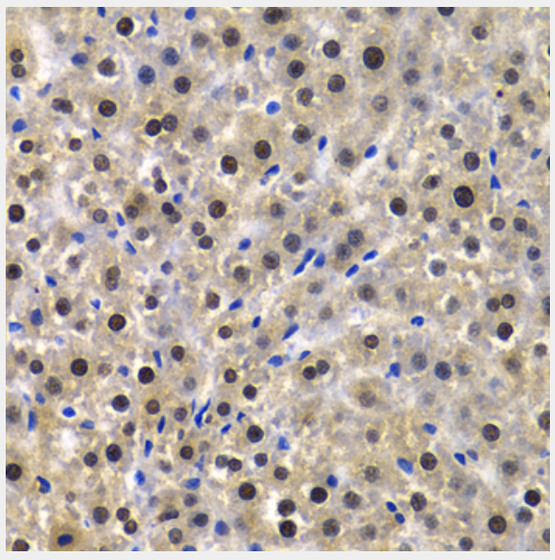

Immunohistochemistry of paraffin-embedded rat liver using KPNA4 Antibody at dilution of 1:100 (40x lens).

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