

A19774

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Transportin 3 (TNPO3) Rabbit mAb

Catalog No.: A19774 **Recombinant**

Basic Information

Observed MW

104kDa

Calculated MW

104kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

WB,IHC-P,IF/ICC,ELISA,IF-P

Cross-Reactivity

Human,Mouse,Rat

CloneNo number

ARC2310

Recommended Dilutions

WB 1:500 - 1:1000

IF/ICC 1:50 - 1:200

IF-P 1:50 - 1:200

IHC-P 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Contact

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Background

The protein encoded by this gene is a nuclear import receptor for serine/arginine-rich (SR) proteins such as the splicing factors SFRS1 and SFRS2. The encoded protein has also been shown to be involved in HIV-1 infection, apparently through interaction with the HIV-1 capsid protein. Several protein-coding and non-coding transcript variants have been found for this gene.

Immunogen Information

Gene ID

23534

Swiss Prot

Q9Y5L0

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

IPO12; TRNSR; LGMD1F; LGMDD2; MTR10A; TRN-SR; TRN-SR2; Transportin 3 (TNPO3)

Product Information

Source

Rabbit

Isotype

IgG

Purification

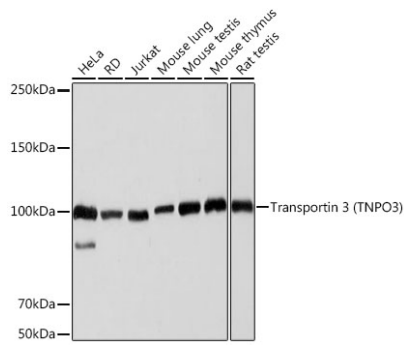
Affinity purification

Storage

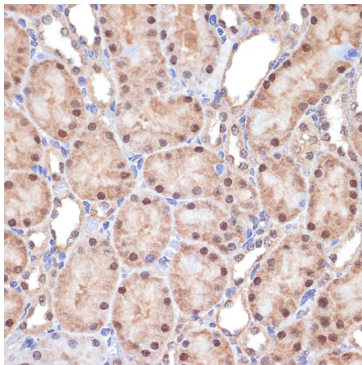
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

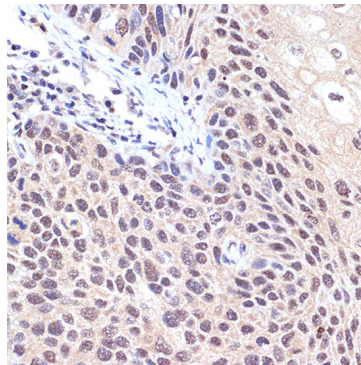
Validation Data



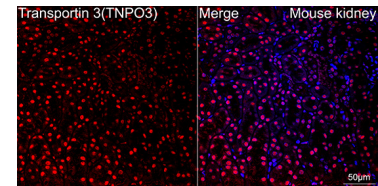
Western blot analysis of various lysates using Transportin 3 (Transportin 3 (TNPO3)) Rabbit mAb (A19774) at 1:1000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 3s.



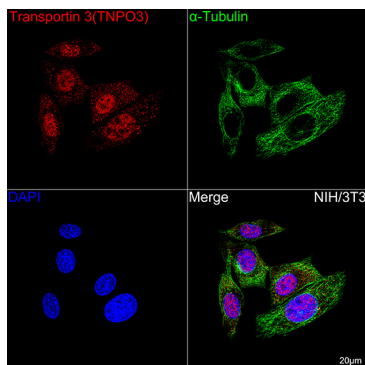
Immunohistochemistry analysis of paraffin-embedded Rat kidney using Transportin 3 (Transportin 3 (TNPO3)) Rabbit mAb (A19774) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



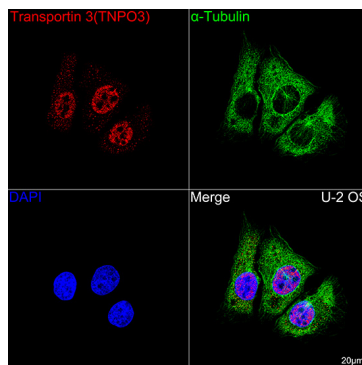
Immunohistochemistry analysis of paraffin-embedded Human esophageal cancer using Transportin 3 (Transportin 3 (TNPO3)) Rabbit mAb (A19774) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Confocal imaging of paraffin-embedded Mouse kidney tissue using Transportin 3 (TNPO3) Rabbit mAb (A19774, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



Confocal imaging of NIH/3T3 cells using Transportin 3 (TNPO3) Rabbit mAb (A19774, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with alpha-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with



Confocal imaging of U-2 OS cells using Transportin 3 (TNPO3) Rabbit mAb (A19774, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with alpha-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with

Validation Data

ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.

ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.