

Datasheet for ABIN7270971
anti-Transportin 3 antibody

5 Images

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Overview

Quantity:	100 µL
Target:	Transportin 3 (TNPO3)
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Transportin 3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (IHC)

Product Details

Purpose:	Transportin 3 (TNPO3) Rabbit mAb
Immunogen:	A synthesized peptide derived from human Transportin 3 (Transportin 3 (TNPO3))
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	Transportin 3 (TNPO3)
Alternative Name:	TNPO3 (TNPO3 Products)
Background:	The protein encoded by this gene is a nuclear import receptor for serine/arginine-rich (SR)

Target Details

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. Two transcript variants encoding different isoforms as well as a noncoding transcript have been found for this gene.[provided by RefSeq, Jul 2010],IPO12, LGMD1F, MTR10A, TRN-SR, TRN-SR2, TRNSR,Epigenetics & Nuclear Signaling,Nuclear Receptor Signaling,Signal Transduction,TNPO3

Molecular Weight: 100kDa

Gene ID: 23534

UniProt: [Q9Y5L0](#)

Pathways: [Protein targeting to Nucleus](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

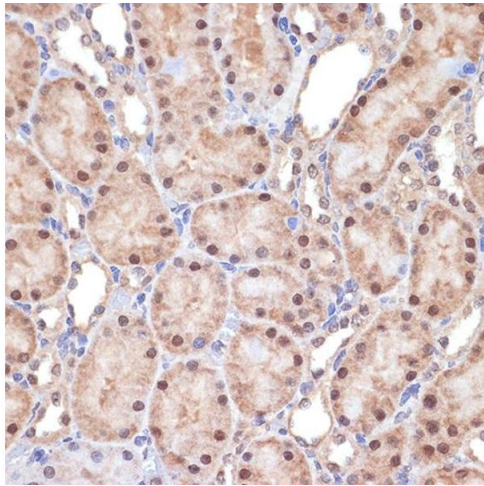
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

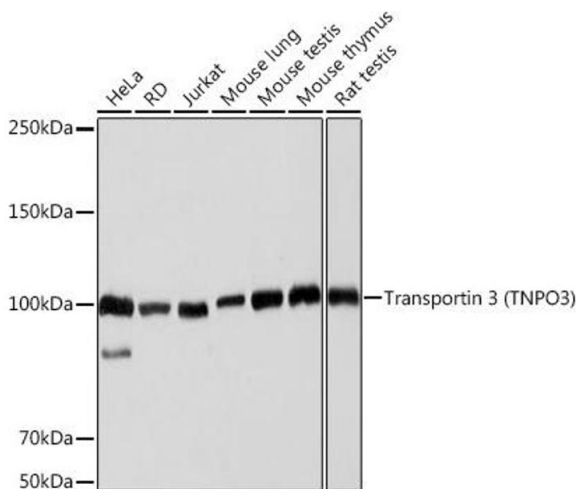
Storage: -20 °C

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



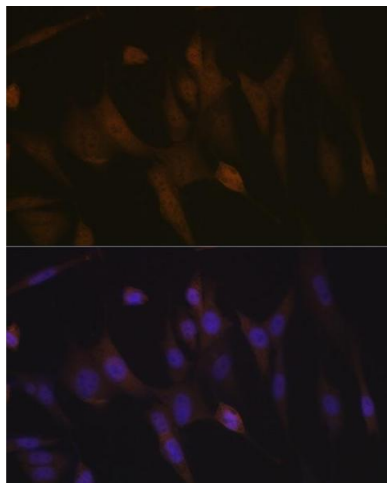
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded rat kidney using Transportin 3 (Transportin 3 (TNPO3)) Rabbit mAb (ABIN7270971) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using Transportin 3 (Transportin 3 (TNPO3)) Rabbit mAb (ABIN7270971) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.



Immunofluorescence

Image 3. Immunofluorescence analysis of NIH-3T3 cells using Transportin 3 (Transportin 3 (TNPO3)) Rabbit mAb (ABIN7270971) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7270971.