

Datasheet for ABIN933162
anti-Transportin 3 antibody



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2 Images

Overview

Quantity:	100 µg
Target:	Transportin 3 (TNPO3)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Dot Blot (DB), Immunocytochemistry (ICC)

Product Details

Immunogen:	TNPO3 antibody was raised in mouse using recombinant Human Transportin 3 (Tnpo3)
Clone:	3152C2a
Isotype:	IgG2b
Cross-Reactivity:	Human, Mouse (Murine), Rat (Rattus)
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

Target Details

Target:	Transportin 3 (TNPO3)
Alternative Name:	TNPO3 (TNPO3 Products)
Background:	TNPO3 is a nuclear import receptor for serine/arginine-rich (SR) proteins, which are essential precursor-mRNA splicing factors. Synonyms: Monoclonal TNPO3 antibody, Anti-TNPO3

Target Details

antibody, Transportin 3 antibody, IPO12 antibody, TRNSR antibody, MTR10A antibody, TRN-SR antibody, TRN-SR2 antibody.

Pathways: [Protein targeting to Nucleus](#)

Application Details

Application Notes: WB: 0.2-2 µg/mL, ICC: 2-100 µg/mL
Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: Lot specific

Buffer: TNPO3 antibody in PBS (3.0 mM KCl, 1.5 mM KH₂ PO₄, 140 mM NaCl, 8.0 mM Na₂ HPO₄ (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN₃).

Preservative: Sodium azide

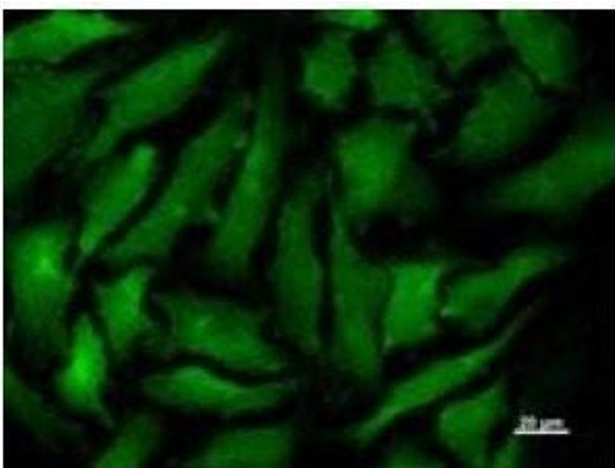
Precaution of Use: This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

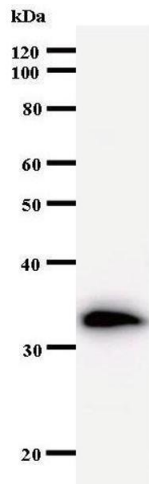
Storage Comment: Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.

Images



Immunofluorescence

Image 1. Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.01% Triton-X100 in PBS. The cells were immunostained with anti-TNP03 antibody.



Western Blotting

Image 2.