



Rabbit Anti-TNPO3 antibody

SL18158R

Product Name:	TNPO3
Chinese Name:	Transporter3抗体
Alias:	TNPO 3; Imp12; Importin 12; Importin-12; IPO12; MTR10A; TNPO 3; TNPO3; TNPO3_HUMAN; Transportin 3; Transportin SR; Transportin-3; Transportin-SR; TRN SR; TRN-SR; TRN-SR2; TRNSR.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Cow,Horse,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	104kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human TNPO3:821-923/923
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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. Two transcript variants encoding different isoforms as well as a noncoding transcript have been found for this gene.[provided by RefSeq, Jul 2010]

Function:

Seems to function in nuclear protein import as nuclear transport receptor. In vitro, mediates the nuclear import of splicing factor SR proteins SFRS1 and SFRS2, by recognizing phosphorylated RS domains.

Subunit:

Interacts with phosphorylated SFRS1 and SFRS2. Interacts with NUP62 and RBM4.

Subcellular Location:

Cytoplasm. Nucleus.

SWISS:

Q9Y5L0

Gene ID:

23534

Database links:

[Entrez Gene: 23534](#) Human

[Entrez Gene: 320938](#) Mouse

[Omim: 610032](#) Human

[SwissProt: Q9Y5L0](#) Human

[SwissProt: Q6P2B1](#) Mouse

[Unigene: 193613](#) Human

[Unigene: 276381](#) Mouse

[Unigene: 304472](#) Mouse

[Unigene: 352219](#) Mouse

[Unigene: 424508](#) Mouse

[Unigene: 429470](#) Mouse

[Unigene: 439108](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human,

	therapeutic or diagnostic applications.
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