

For Research Use Only

TNPO3 Polyclonal antibody, PBS Only

Catalog Number:15980-1-PBS



Basic Information

Catalog Number: 15980-1-PBS	GenBank Accession Number: BC009923	Purification Method: Antigen affinity purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 23534	
Source: Rabbit	UNIPROT ID: Q9Y5LO	
Isotype: IgG	Full Name: transportin 3	
Immunogen Catalog Number: AG8769	Calculated MW: 975 aa, 110 kDa	
	Observed MW: 104 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse

Background Information

Transportin 3 (TNPO3) also known as IPO12, TRNSR, is a karyopherin β that works as a nuclear carrier shuttling, from the cytoplasm to the nucleus, the serine/arginine-rich proteins (PMID: 33452620). TNPO3 specifically mediates the nuclear import of splicing factor serine/arginine (SR) proteins, such as RBM4, SFRS1, and SFRS2, by recognizing phosphorylated SR domains (PMID: 11517331, 12628928). Mutations in TNPO3 are associated with Autosomal Dominant Limb-Girdle Muscular Dystrophy 2 (PMID: 23543484).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

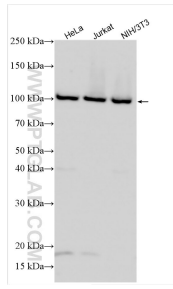
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15980-1-AP (TNPO3 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 15980-1-PBS in a different storage buffer formulation.