

For Research Use Only

PNO1 Recombinant antibody

Catalog Number: 85834-4-RR



Basic Information

Catalog Number: 85834-4-RR	GenBank Accession Number: BC008304	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 56902	CloneNo.: 250134F6
Source: Rabbit	UNIPROT ID: Q9NRX1	Recommended Dilutions: WB 1:2000-1:10000 IF/ICC 1:400-1:1600
Isotype: IgG	Full Name: partner of NOB1 homolog (S. cerevisiae)	
Immunogen Catalog Number: AG14752	Calculated MW: 252 aa, 28 kDa	
	Observed MW: 28-35 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : K-562 cells, A2780 cells IF/ICC : A549 cells,

Background Information

Human RNA binding gene partner of NOB1 (PNO1) was firstly isolated from human kidney and encodes 35-kDa protein, named PNO1. PNO1 as a ribosome biogenesis factor that contributes to 40S subunit assembly by binding with its partner NOB1. PNO1 is a highly conserved protein with a K homology (KH) domain at its C-terminal and two putative nuclear localization signals at its N-terminal . PNO1 also had great regulatory function in tumor metabolism. (PMID: 38071381, PMID: 33864661)

Storage

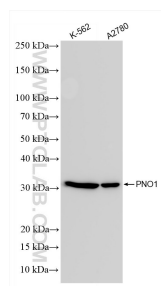
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

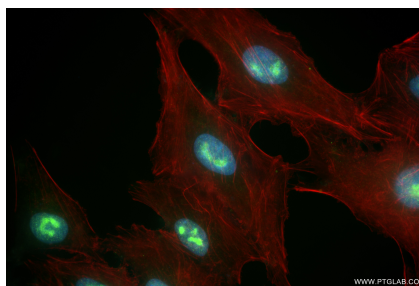
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85834-4-RR (PNO1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A549 cells using PNO1 antibody (85834-4-RR, Clone: 250134F6) at dilution of 1:800 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).