

For Research Use Only

PNO1 Recombinant antibody, PBS Only

Catalog Number: 85834-4-PBS



Basic Information

Catalog Number: 85834-4-PBS	GenBank Accession Number: BC008304	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 56902	CloneNo.: 250134F6
Source: Rabbit	UNIPROT ID: Q9NRX1	
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, Indirect ELISA

Species Specificity:
human

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

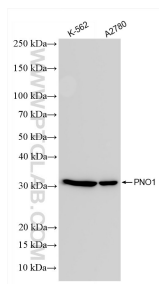
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

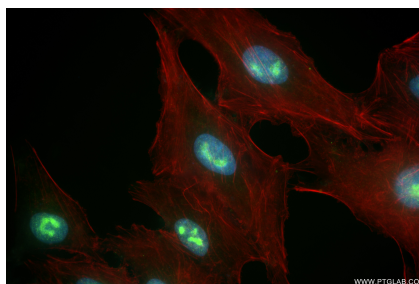
For technical support and original validation data for this product please contact:
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85834-4-RR (PNO1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85834-4-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 85834-4-PBS in a different storage buffer formulation.