

For Research Use Only

PNO1 Recombinant antibody

Catalog Number: 85834-4-RR



Basic Information

Catalog Number:

85834-4-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14752

GenBank Accession Number:

BC008304

GeneID (NCBI):

56902

UNIPROT ID:

Q9NRX1

Full Name:

partner of NOB1 homolog (S. cerevisiae)

Calculated MW:

252 aa, 28 kDa

Observed MW:

28-35 kDa

Purification Method:

Protein A purification

CloneNo.:

250134F6

Recommended Dilutions:

WB 1:2000-1:10000

IF/ICC 1:400-1:1600

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

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

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

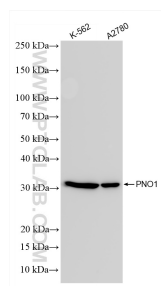
T: 4006900926

E: Proteintech-CN@ptglab.com

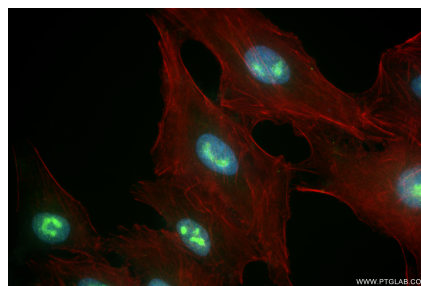
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Selected Validation Data



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.



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).