

For Research Use Only

# PNO1 Polyclonal antibody

Catalog Number: 21059-1-AP

Featured Product

1 Publications



## Basic Information

<b>Catalog Number:</b> 21059-1-AP	<b>GenBank Accession Number:</b> BC008304	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 900 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 56902	<b>Recommended Dilutions:</b> WB 1:1000-1:4000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> partner of NOB1 homolog (S. cerevisiae)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 252 aa, 28 kDa	
<b>Immunogen Catalog Number:</b> AG14752	<b>Observed MW:</b> 28-35 kDa	

## Applications

<b>Tested Applications:</b> IHC, IP, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB	<b>WB:</b> A2780 cells, mouse spleen tissue, K-562 cells, A549 cells
<b>Species Specificity:</b> human, mouse, rat	<b>IP:</b> L02 cells,
<b>Cited Species:</b> human	<b>IHC:</b> human liver cancer tissue, human urothelial carcinoma tissue
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

The function of PNO1 remains largely unknown in mammal. PNO1 plays a role in proteasome and ribosome neogenesis in yeast.

## Notable Publications

Author	Pubmed ID	Journal	Application
Long Fang	38071381	Sci Rep	WB

## Storage

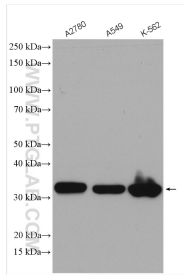
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

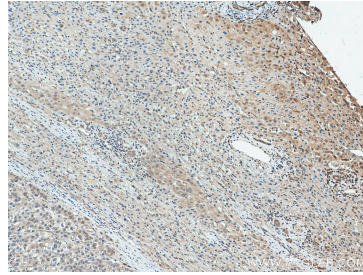
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

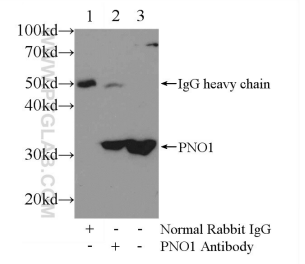
## Selected Validation Data



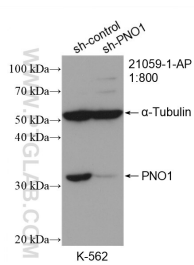
Various lysates were subjected to SDS PAGE followed by western blot with 21059-1-AP (PNO1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 21059-1-AP (PNO1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-PNO1 (IP:21059-1-AP, 3ug; Detection:21059-1-AP 1:300) with L02 cells lysate 1500ug.



WB result of PNO1 antibody (21059-1-AP; 1:800; incubated at room temperature for 1.5 hours) with sh-Control and sh-PNO1 transfected K-562 cells.