

For Research Use Only

# NHP2 Polyclonal antibody

Catalog Number: 15128-1-AP

Featured Product

14 Publications



## Basic Information

<b>Catalog Number:</b> 15128-1-AP	<b>GenBank Accession Number:</b> BC000009	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 300 µg/ml by Nanodrop and 153 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 55651	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> NHP2 ribonucleoprotein homolog (yeast)	<b>IHC 1:20-1:200</b> <b>IF 1:10-1:100</b>
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 17 kDa	
<b>Immunogen Catalog Number:</b> AG7251	<b>Observed MW:</b> 17-20 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, IP, WB, ELISA	<b>Positive Controls:</b> WB : SH-SY5Y cells, Caco-2 cells, HeLa cells
<b>Cited Applications:</b> CoIP, IF, IHC, IP, WB	<b>IP :</b> HepG2 cells,
<b>Species Specificity:</b> human	<b>IHC :</b> human prostate cancer tissue,
<b>Cited Species:</b> human, yeast, mouse	<b>IF :</b> HepG2 cells,

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

NHP2 belongs to the H/ACA small nucleolar ribonucleoprotein (H/ACA snoRNP) complex, which catalyzes pseudouridylation of rRNA. It is required for ribosome biogenesis and telomere maintenance, and for correct processing or intranuclear trafficking of TERC, the RNA component of the telomerase reverse transcriptase (TERT) holoenzyme.

## Notable Publications

Author	Pubmed ID	Journal	Application
Kim Min Sung MS	22935986	Pathology	IHC
Cai Han	35354054	Cell Rep	WB
D E MacNeil	33526451	Mol Cell Biol	WB

## Storage

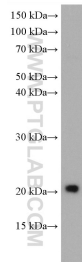
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

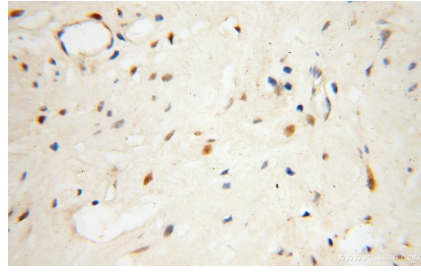
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

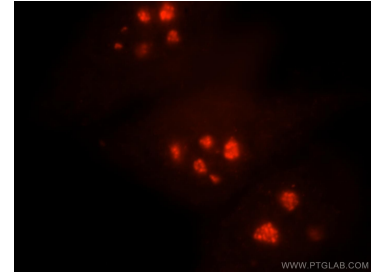
## Selected Validation Data



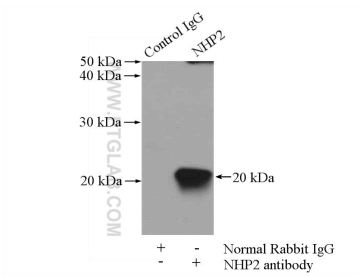
SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 15128-1-AP (NHP2 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 15128-1-AP (NHP2 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of HepG2 cells, using NHP2 antibody 15128-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-NHP2 (IP:15128-1-AP, 4ug; Detection:15128-1-AP 1:500) with HepG2 cells lysate 3600ug.