

For Research Use Only

# PCNP Polyclonal antibody

Catalog Number: 11180-2-AP

Featured Product

2 Publications



## Basic Information

### Catalog Number:

11180-2-AP

### Size:

150ul, Concentration: 1100 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG1663

### GenBank Accession Number:

BC013916

### GeneID (NCBI):

57092

### UNIPROT ID:

Q8WW12

### Full Name:

PEST proteolytic signal containing nuclear protein

### Calculated MW:

19 kDa

### Observed MW:

24-28 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:500-1:2000

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human

### Cited Species:

human

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

### Positive Controls:

WB: Jurkat cells, HepG2 cells

IP: HepG2 cells,

IHC: human lymphoma tissue,

IF/ICC: HeLa cells,

## Background Information

PCNP can be detected as 24-28 kDa after posttranslational modification.

## Notable Publications

Author	Pubmed ID	Journal	Application
Dong-Dong Wu	29716528	BMC Cancer	WB,IHC,IF
Pengzhen Dong	32548978	J Cell Mol Med	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

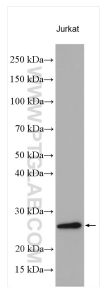
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

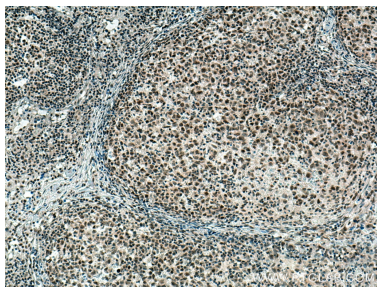
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

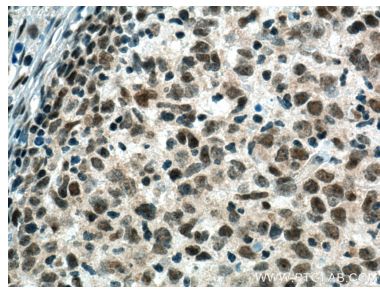
Selected Validation Data



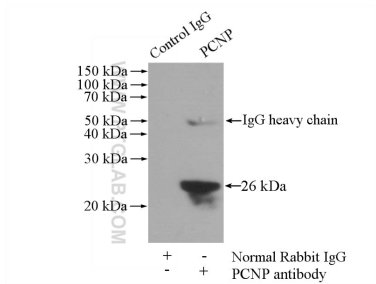
Jurkat cells were subjected to SDS PAGE followed by western blot with 11180-2-AP (PCNP antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



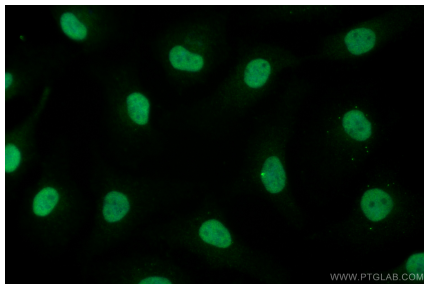
Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 11180-2-AP (PCNP antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 11180-2-AP (PCNP antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-PCNP (IP:11180-2-AP, 4ug; Detection:11180-2-AP 1:600) with HepG2 cells lysate 1800ug.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using PCNP antibody (11180-2-AP) at dilution of 1:1000 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).