

For Research Use Only

# PCNP Polyclonal antibody

Catalog Number: 11180-2-AP

Featured Product

2 Publications



## Basic Information

### Catalog Number:

11180-2-AP

### Concentration:

1100 ug/ml

### 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

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

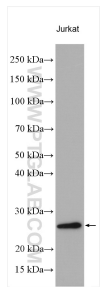
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

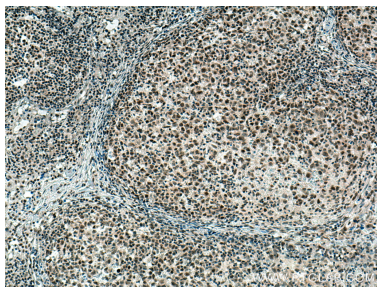
W: [ptgcn.com](http://ptgcn.com)

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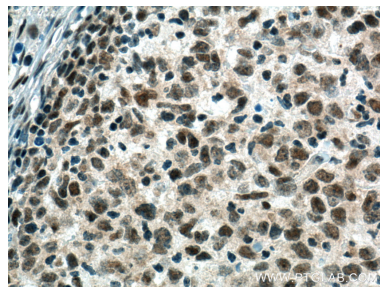
Selected Validation Data



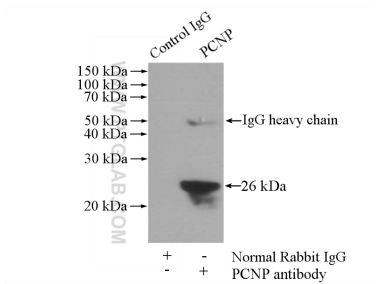
Jurkat cells were subjected to SDS PAGE followed by western blot with 11180-2-AP (PCNP antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



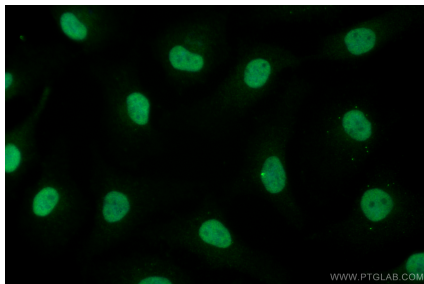
Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 11180-2-AP (PCNP antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).