

For Research Use Only

# PCNP Polyclonal antibody

Catalog Number: 11180-2-AP

Featured Product

2 Publications



## Basic Information

**Catalog Number:**

11180-2-AP

**Size:**

1100 µg/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 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF 1:20-1:200

## Applications

**Tested Applications:**

IF/ICC, IHC, IP, WB, ELISA

**Cited Applications:**

WB, IF, IHC

**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: HepG2 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:

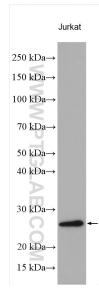
T: 4006900926

E: Proteintech-CN@ptglab.com

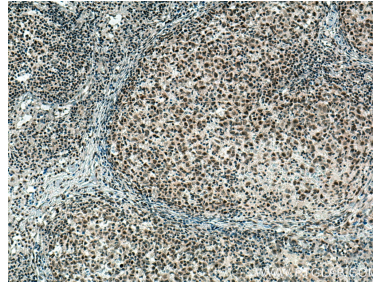
W: ptgcn.com

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

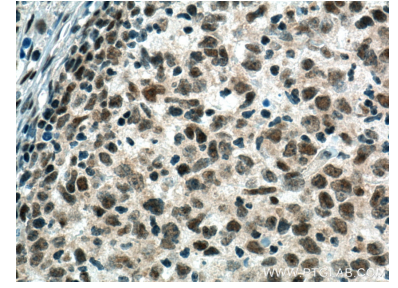
## Selected Validation Data



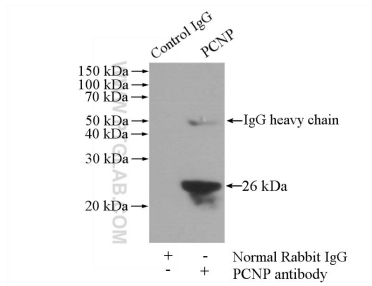
Jurkat cells were subjected to SDS PAGE followed by western blot with 11180-2-AP (PCNP antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



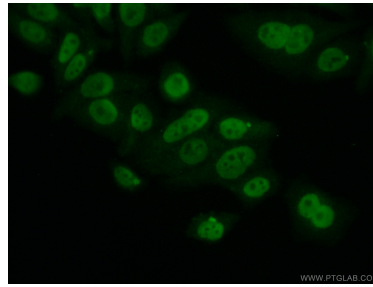
Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 11180-2-AP (PCNP antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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 HepG2 cells using 11180-2-AP (PCNP antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).