

For Research Use Only

# NCBP1/CBP80 Polyclonal antibody

Catalog Number:10349-1-AP

Featured Product

14 Publications



## Basic Information

Catalog Number:

10349-1-AP

Size:

400 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0496

GenBank Accession Number:

BC001450

GeneID (NCBI):

4686

UNIPROT ID:

Q09161

Full Name:

nuclear cap binding protein subunit 1,  
80kDa

Calculated MW:

92 kDa

Observed MW:

80 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

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

IHC 1:20-1:200

## Applications

Tested Applications:

WB, IHC, IP, ELISA

Cited Applications:

WB, IHC, IF, IP

Species Specificity:

human, mouse

Cited Species:

human, mouse, monkey

**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 : HEK-293 cells, HeLa cells, human brain tissue,  
Jurkat cells

IP : HeLa cells,

IHC : human lung cancer tissue, human kidney tissue

## Background Information

Nuclear cap binding protein subunit 1, 80kDa (NCBP1, synonyms: NCBP, CBP80) is a subunit of a cap-binding protein complex (CBC) that consists of a CBP20 subunit, which binds the cap, and a NCBP1 subunit, which ensures high-affinity cap binding. The CBC complex may play a role in pre-mRNA recognition and splicing.

## Notable Publications

| Author          | Pubmed ID | Journal           | Application |
|-----------------|-----------|-------------------|-------------|
| Yuanpei Li      | 36289222  | Nat Commun        | WB          |
| Yuzhang Du      | 29506078  | Nucleic Acids Res | WB          |
| Matsuda Daiki D | 19215759  | Methods Enzymol   | IP          |

## 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:

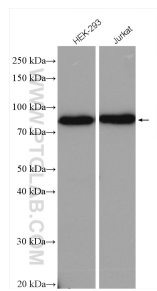
T: 4006900926

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

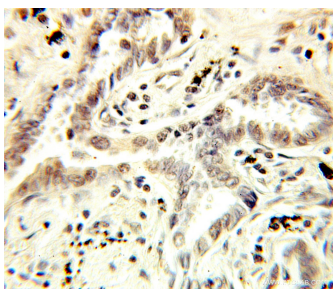
W: [ptgcn.com](http://ptgcn.com)

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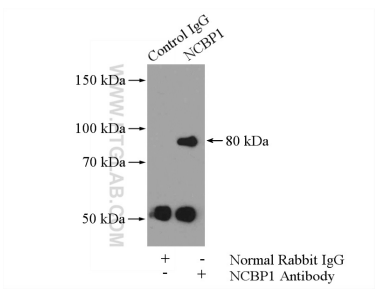
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10349-1-AP (NCBP1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer using 10349-1-AP (NCBP1 antibody) at dilution of 1:100 (under 10x lens).



IP result of anti-NCBP1 (IP:10349-1-AP, 4ug; Detection:10349-1-AP 1:500) with HeLa cells lysate 2480ug.