

For Research Use Only

# NCBP1 Polyclonal antibody

Catalog Number: 10349-1-AP

Featured Product

8 Publications



## Basic Information

**Catalog Number:**

10349-1-AP

**Size:**

150ul , Concentration: 400 µg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG0496

**GenBank Accession Number:**

BC001450

**GeneID (NCBI):**

4686

**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 IP and 1:500-1:1000 for WB  
IHC 1:20-1:200

## Applications

**Tested Applications:**

IHC, IP, WB, ELISA

**Cited Applications:**

IF, IP, WB

**Species Specificity:**

human, mouse

**Cited Species:**

human, monkey, mouse

**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

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
Yuzhang Du	29506078	Nucleic Acids Res	WB
Matsuda Daiki D	19215759	Methods Enzymol	IP
Hanae Sato	18243119	Mol Cell	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

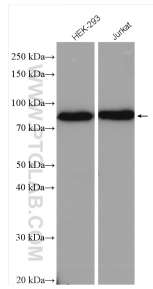
For technical support and original validation data for this product please contact:

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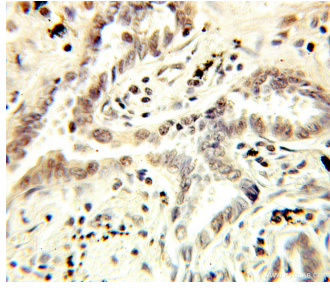
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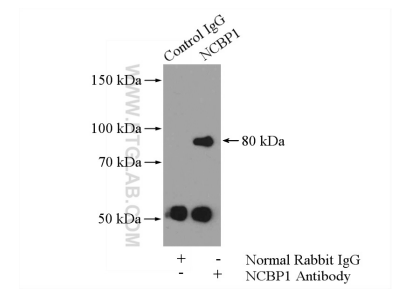
## Selected Validation Data



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.