

For Research Use Only

NCBP1 Polyclonal antibody

Catalog Number: 10349-1-AP

Featured Product

14 Publications



Basic Information

Catalog Number:

10349-1-AP

Size:

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

IHC 1:20-1:200

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

WB, IP, IF, IHC

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:

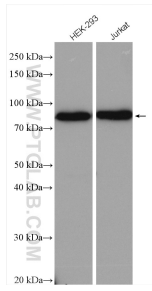
T: 4006900926

E: Proteintech-CN@ptglab.com

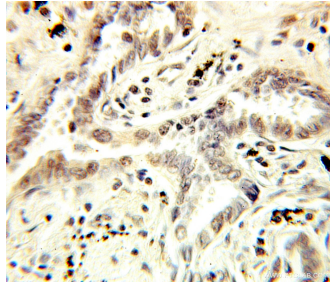
W: ptgcn.com

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

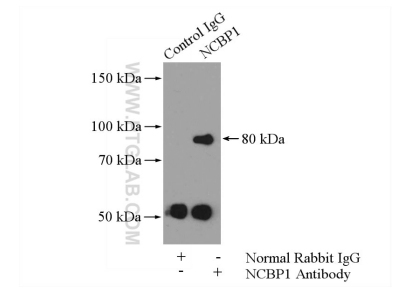
Selected Validation Data



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.