

For Research Use Only

# CNN3 Polyclonal antibody

Catalog Number: 11509-1-AP

Featured Product

5 Publications



## Basic Information

### Catalog Number:

11509-1-AP

### Size:

150ul, Concentration: 200 ug/ml by Nanodrop and 173 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2068

### GenBank Accession Number:

BC025372

### GeneID (NCBI):

1266

### UNIPROT ID:

Q15417

### Full Name:

calponin 3, acidic

### Calculated MW:

329 aa, 36 kDa

### Observed MW:

36 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB: 1:1000-1:6000

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

IHC: 1:50-1:500

IF/ICC: 1:200-1:800

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

human, 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:** HCT 116 cells, HAP1 cells, human kidney tissue, human skeletal muscle tissue, HEK-293 cells, HepG2 cells, NIH/3T3 cells

**IP:** HEK-293 cells, U-87MG cells

**IHC:** human prostate cancer tissue, human hystero myoma tissue, human skin tissue, human stomach cancer tissue

**IF/ICC:** HeLa cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Cui Ma	33230455	Mol Ther Nucleic Acids	
Taha A Jan	34260939	Cell Rep	IF
Keun-Seok Hong	30911294	Gastroenterol Res Pract	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

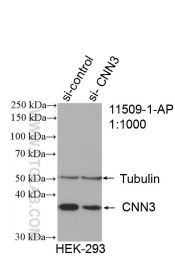
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

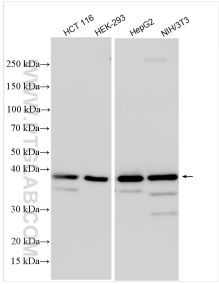
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

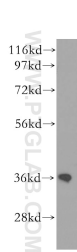
Selected Validation Data



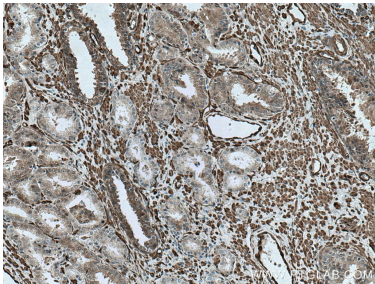
WB result of CNN3 antibody (11509-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CNN3 transfected HEK-293 cells.



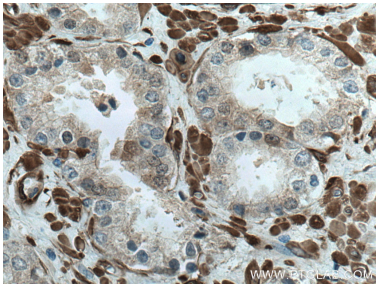
Various lysates were subjected to SDS PAGE followed by western blot with 11509-1-AP (CNN3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



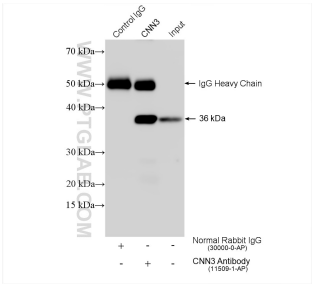
human kidney tissue were subjected to SDS PAGE followed by western blot with 11509-1-AP (CNN3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



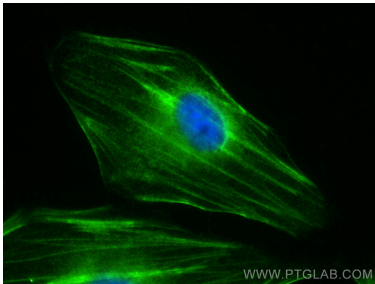
Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 11509-1-AP (CNN3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



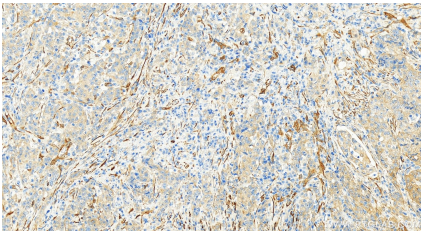
Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 11509-1-AP (CNN3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-CNN3 (IP:11509-1-AP, 4ug; Detection:11509-1-AP 1:15000) with HEK-293 cells lysate 960 ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CNN3 antibody (11509-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 11509-1-AP (CNN3 antibody) at dilution of 1:4000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).