

For Research Use Only

# Alpha N-Catenin Polyclonal antibody

Catalog Number: 14362-1-AP



## Basic Information

### Catalog Number:

14362-1-AP

### Size:

650 µg/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG5747

### GenBank Accession Number:

BC052996

### GeneID (NCBI):

1496

### UNIPROT ID:

P26232

### Full Name:

catenin (cadherin-associated protein),  
alpha 2

### Calculated MW:

105 kDa

### Observed MW:

102 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:3000

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

IHC 1:500-1:2000

IF 1:20-1:200

## Applications

### Tested Applications:

IF/ICC, IHC, IP, WB, ELISA

### Species Specificity:

human, mouse, rat

**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 : SH-SY5Y cells, mouse pancreas tissue

IP : SH-SY5Y cells,

IHC : rat brain tissue,

IF : SH-SY5Y cells,

## Background Information

### 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:

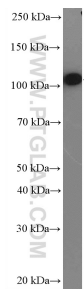
T: 4006900926

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

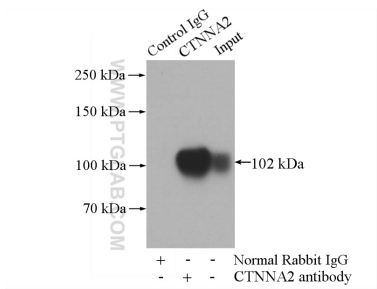
W: [ptgcn.com](http://ptgcn.com)

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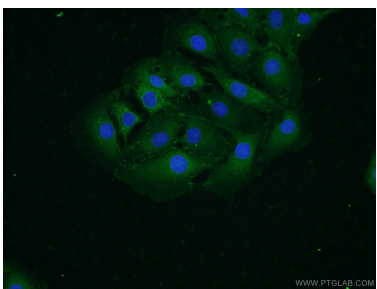
Selected Validation Data



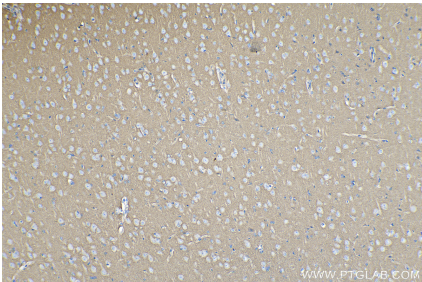
SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 14362-1-AP (alpha N Catenin antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



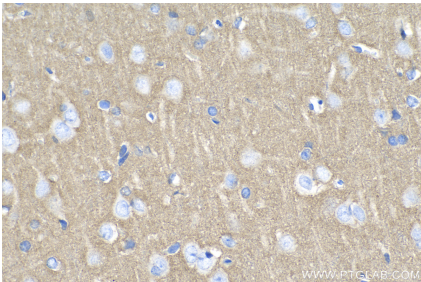
IP result of anti-Alpha N-Catenin (IP:14362-1-AP, 4ug; Detection:14362-1-AP 1:500) with SH-SY5Y cells lysate 1600ug.



Immunofluorescent analysis of SH-SY5Y cells using 14362-1-AP (alpha N Catenin antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 14362-1-AP (Alpha N-Catenin antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 14362-1-AP (Alpha N-Catenin antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).