

For Research Use Only

Alpha N-Catenin Polyclonal antibody

Catalog Number: 14362-1-AP

2 Publications



Basic Information

Catalog Number:

14362-1-AP

Size:

150ul, Concentration: 650 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

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 ug for 1.0-3.0 mg of total protein lysate

IHC 1:500-1:2000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

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/ICC : SH-SY5Y cells,

Notable Publications

Author	Pubmed ID	Journal	Application
Nandkishore R Belur	38761794	Neuron	
Tiao Bu	38553880	Endocrinology	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

*** 20ul sizes contain 0.1% BSA

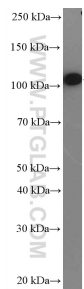
For technical support and original validation data for this product please contact:

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

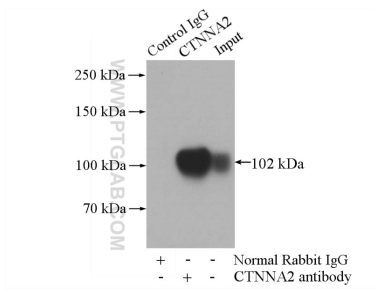
E: proteintech@ptglab.com
W: ptglab.com

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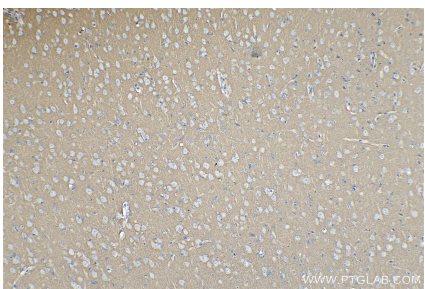
Selected Validation Data



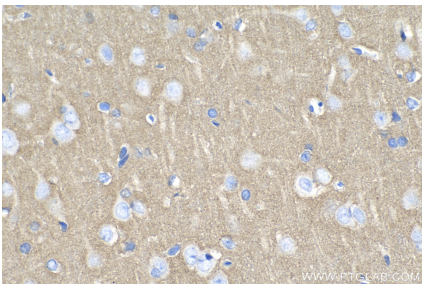
SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 14362-1-AP (alpha N Catenin antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



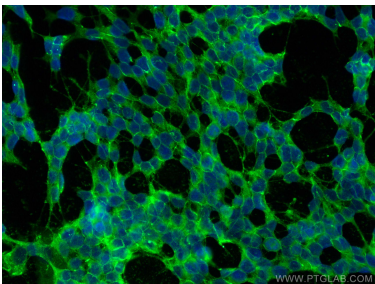
IP result of anti-Alpha N-Catenin (IP:14362-1-AP, 4ug; Detection:14362-1-AP 1:500) with SH-SY5Y cells lysate 1600ug.



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).



Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using Alpha N-Catenin antibody (14362-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).