

For Research Use Only

Alpha N-Catenin Polyclonal antibody

Catalog Number: 14362-1-AP



Basic Information

Catalog Number: 14362-1-AP	GenBank Accession Number: BC052996	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 650 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1496	Recommended Dilutions: WB 1:500-1:3000 IP 0.5-4.0 ug for IP and 1:500-1:1000
Source: Rabbit	Full Name: catenin (cadherin-associated protein), alpha 2	for WB IHC 1:500-1:2000 IF 1:20-1:200
Isotype: IgG	Calculated MW: 105 kDa	
Immunogen Catalog Number: AG5747	Observed MW: 102 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : SH-SY5Y cells, mouse pancreas tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IP : SH-SY5Y cells,
	IHC : rat brain tissue,
	IF : SH-SY5Y cells,

Background Information

Storage

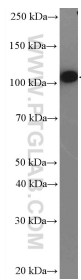
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

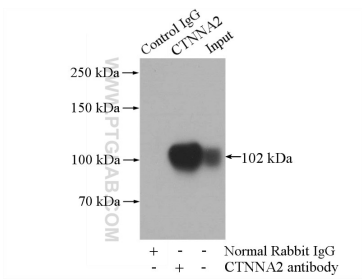
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

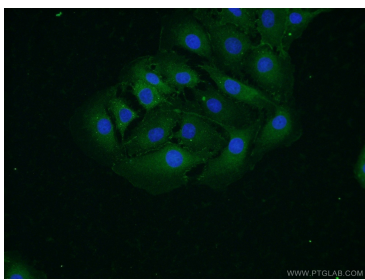
Selected Validation Data



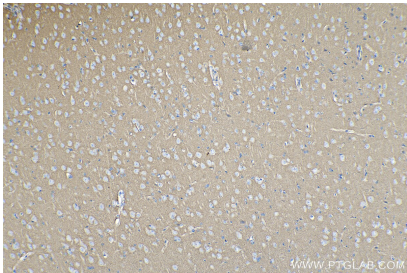
SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 14362-1-AP (alpha N Catenin antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



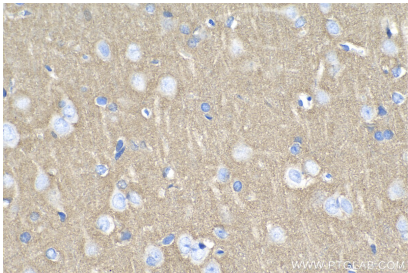
IP Result of anti-alpha N Catenin (IP:14362-1-AP, 4ug; Detection:14362-1-AP 1:500) with SH-SY5Y cells lysate 1600ug.



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).