

For Research Use Only

NEDD1 Polyclonal antibody

Catalog Number: 13993-1-AP **1 Publications**



Basic Information

Catalog Number: 13993-1-AP	GenBank Accession Number: BC027605	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 200 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 121441	Recommended Dilutions: WB 1:1000-1:4000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q8NHV4	
Isotype: IgG	Full Name: neural precursor cell expressed, developmentally down-regulated 1	
Immunogen Catalog Number: AG5077	Calculated MW: 72 kDa	
	Observed MW: 75 kDa, 62 kDa	

Applications

Tested Applications: WB, IP, IHC, ELISA	Positive Controls: WB : HEK-293 cells, human brain tissue, SH-SY5Y cells IP : HeLa cells, IHC : human liver tissue, human colon tissue
Cited Applications: IF	
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	

Background Information

NEDD1 is required for mitosis progression. NEDD1 promotes the nucleation of microtubules from the spindle. This antibody works well in WB, IHC, IP and IF application.

Notable Publications

Author	Pubmed ID	Journal	Application
Tianyu Wu	36395215	Science	IF

Storage

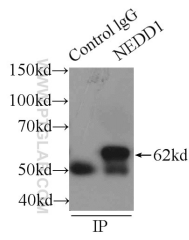
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

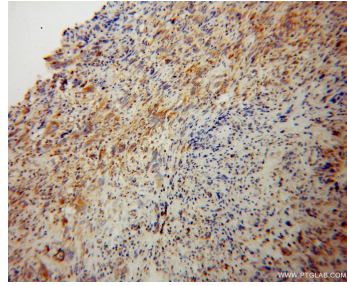
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

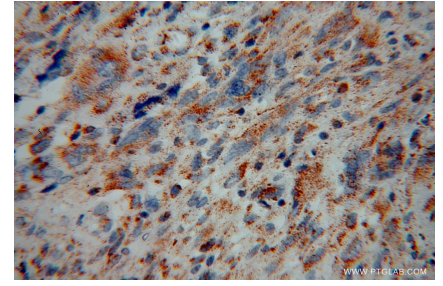
Selected Validation Data



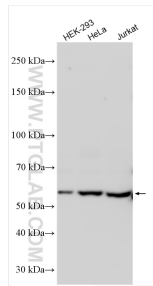
IP result of anti-NEDD1 (IP:13993-1-AP, 3ug; Detection:13993-1-AP 1:800) with HeLa cells lysate 2150ug.



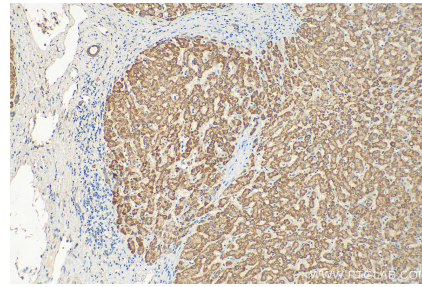
Immunohistochemical analysis of paraffin-embedded human gliomas using 13993-1-AP (NEDD1 antibody) at dilution of 1:100 (under 10x lens).



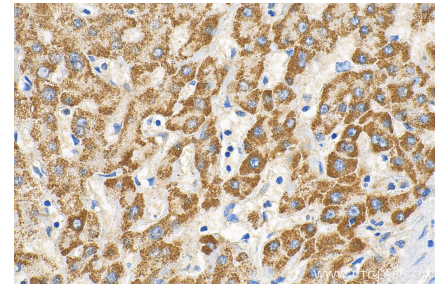
Immunohistochemical analysis of paraffin-embedded human gliomas using 13993-1-AP (NEDD1 antibody) at dilution of 1:100 (under 40x lens).



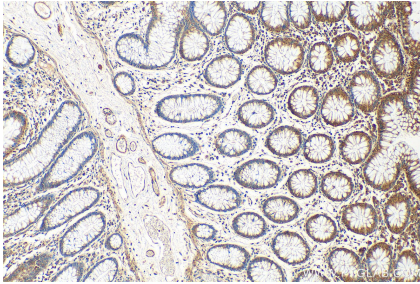
Various lysates were subjected to SDS PAGE followed by western blot with 13993-1-AP (NEDD1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



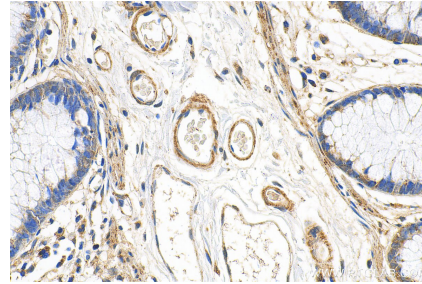
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 13993-1-AP (NEDD1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 13993-1-AP (NEDD1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 13993-1-AP (NEDD1 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 colon tissue slide using 13993-1-AP (NEDD1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).