

For Research Use Only

N4BP3 Polyclonal antibody

Catalog Number: 16733-1-AP

Featured Product

1 Publications



Basic Information

Catalog Number: 16733-1-AP	GenBank Accession Number: BC053323	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop and 313 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 23138	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200
Source: Rabbit	Full Name: Nedd4 binding protein 3	
Isotype: IgG	Calculated MW: 544 aa, 60 kDa	
Immunogen Catalog Number: AG10194	Observed MW: 60 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: IP, WB	WB : mouse brain tissue,
Species Specificity: human, mouse, rat	IHC : human kidney tissue, human cervical cancer tissue
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

N4BP3, also named as KIAA0341, a Fezzin family member, during nerve cell development. It is crucial for axonal and dendritic branching in developing neurons. It binds the protein NEDD4 and interacts with 14-3-3 proteins. N4BP3 is present in early neurites, growth cones, axons and dendrites of developing primary hippocampal neurons. This antibody detects 60 kDa N4BP3 protein and a weaker 40 kDa protein (unknown).

Notable Publications

Author	Pubmed ID	Journal	Application
Chen Wang	34880843	Front Microbiol	WB,IP

Storage

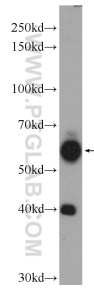
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

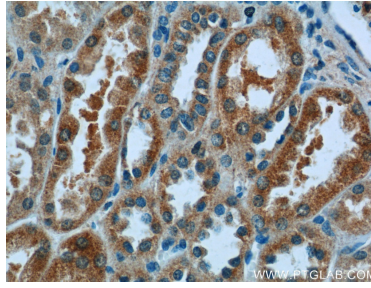
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

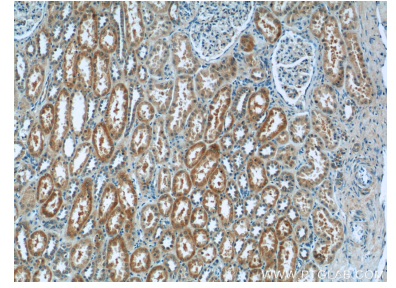
Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 16733-1-AP (N4BP3 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 16733-1-AP (N4BP3 Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 16733-1-AP (N4BP3 Antibody) at dilution of 1:50 (under 10x lens).