

For Research Use Only

# NEURL Polyclonal antibody

Catalog Number:18898-1-AP

Featured Product

1 Publications



## Basic Information

### Catalog Number:

18898-1-AP

### Size:

150ul , Concentration: 750 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG13531

### GenBank Accession Number:

BC026336

### GeneID (NCBI):

9148

### UNIPROT ID:

O76050

### Full Name:

neuralized homolog (Drosophila)

### Calculated MW:

59 kDa

### Observed MW:

60-62 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:2000-1:10000

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

IHC 1:50-1:500

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:

mouse

**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** : MCF-7 cells, mouse brain tissue, Y79 cells, SH-SY5Y cells, rat brain tissue

**IP** : mouse brain tissue,

**IHC** : mouse brain tissue,

**IF/ICC** : MCF-7 cells,

## Background Information

NEURL(Neuralized-like protein 1A) is also named as NEURL1, NEURL1A, RNF67.Neurl1 is a RING-dependent E3 ubiquitin ligase that can regulate Notch signaling in mammals and its expression promotes lysosomal degradation of Jagged1 in cells and blocks signaling from Jagged1-expressing cells to neighboring Notch-expressing cells. Neurl-dependent turnover of Jagged1 and inhibition of Notch signaling depends upon N-terminal myristoylation and plasma membrane localization of Neurl1(PMID:18077452).This antibody is specific to NEURL.

## Notable Publications

Author	Pubmed ID	Journal	Application
Kun Zhang	31063987	J Clin Invest	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

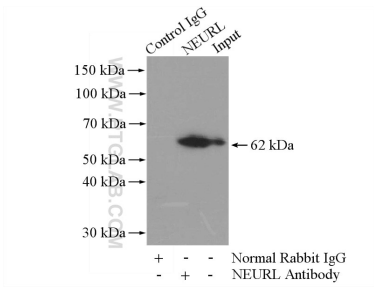
For technical support and original validation data for this product please contact:

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

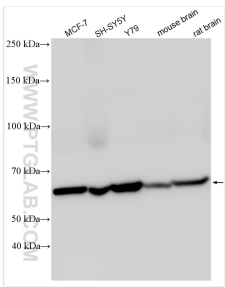
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

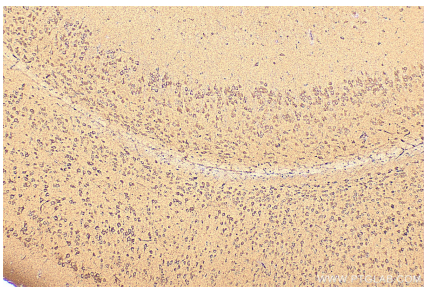
Selected Validation Data



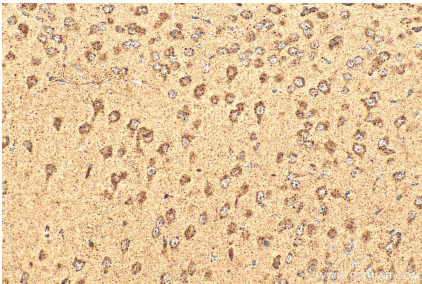
IP result of anti-NEURL (IP:18898-1-AP, 4ug; Detection:18898-1-AP 1:600) with mouse brain tissue lysate 2560ug.



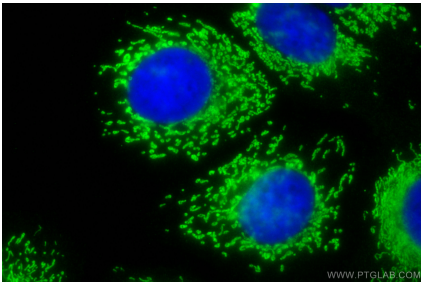
Various lysates were subjected to SDS PAGE followed by western blot with 18898-1-AP (NEURL antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 18898-1-AP (NEURL 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 mouse brain tissue slide using 18898-1-AP (NEURL antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using NEURL antibody (18898-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).