

For Research Use Only

# NEURL Polyclonal antibody

Catalog Number: 18898-1-AP

Featured Product

1 Publications



## Basic Information

**Catalog Number:**

18898-1-AP

**Size:**

750 µg/ml

**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 µg for 1.0-3.0 mg of total protein lysate

## Applications

**Tested Applications:**

IP, WB, ELISA

**Cited Applications:**

WB

**Species Specificity:**

human, mouse, rat

**Cited Species:**

mouse

**Positive Controls:**

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

IP : mouse brain tissue,

## 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

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

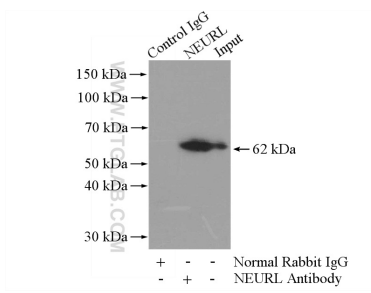
T: 4006900926

E: Proteintech-CN@ptglab.com

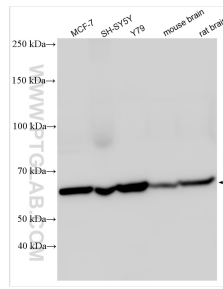
W: ptgcn.com

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## Selected Validation Data



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



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.