

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 µg/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 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

*** 20ul sizes contain 0.1% BSA

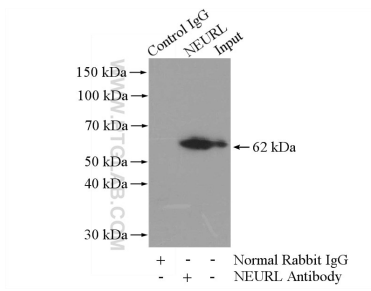
For technical support and original validation data for this product please contact:

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

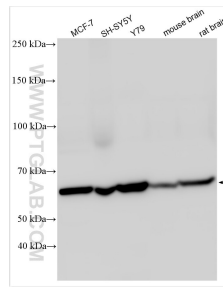
E: proteintech@ptglab.com
W: ptglab.com

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-NEURL (IP:18898-1-AP, 4 μ g;
Detection:18898-1-AP 1:600) with mouse brain
tissue lysate 2560 μ 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.