

For Research Use Only

# NLGN4Y Polyclonal antibody

Catalog Number: 13489-1-AP



## Basic Information

<b>Catalog Number:</b> 13489-1-AP	<b>GenBank Accession Number:</b> BC032567	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 250 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 22829	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>Full Name:</b> neuroligin 4, Y-linked	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 816 aa, 92 kDa	
<b>Immunogen Catalog Number:</b> AG4311	<b>Observed MW:</b> 92 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : A549 cells, HeLa cells, PC-3 cells, U-251 cells
<b>Species Specificity:</b> human	

## Background Information

NLGN4Y, one member of Neuroligins, is cell adhesion molecules present at the postsynaptic side of the synapse and may be essential for the formation of functional synapses , NLGN4Y was expressed in fetal and adult brain, prostate, testis, pancreas. NLGN4Y is homologous with its X-linked homolog, NLGN4X. The antibody can recognize both of NLGN4Y and NLGN4X at 72kDa mature form.

## Storage

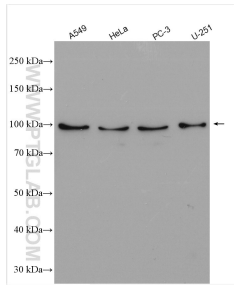
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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



Various lysates were subjected to SDS PAGE followed by western blot with 13489-1-AP (NLGN4Y antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.