

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> 250 µg/ml	<b>GeneID (NCBI):</b> 22829	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8NFZ3	
<b>Isotype:</b> IgG	<b>Full Name:</b> neuroligin 4, Y-linked	
<b>Immunogen Catalog Number:</b> AG4311	<b>Calculated MW:</b> 816 aa, 92 kDa	
	<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

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

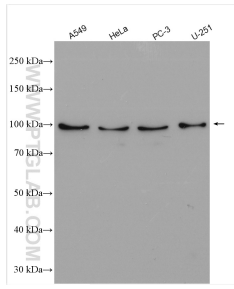
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## Selected Validation Data



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.