

For Research Use Only

# NLGN4X Polyclonal antibody

Catalog Number: 27278-1-AP



## Basic Information

<b>Catalog Number:</b> 27278-1-AP	<b>GenBank Accession Number:</b> BC034018	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 600 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 57502	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8NOW4	
<b>Isotype:</b> IgG	<b>Full Name:</b> neuroligin 4, X-linked	
<b>Immunogen Catalog Number:</b> AG2426	<b>Calculated MW:</b> 92 kDa	
	<b>Observed MW:</b> 90-100 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : human brain tissue, mouse brain tissue, rat brain tissue, pig brain tissue
<b>Species Specificity:</b> human, mouse, rat, pig	

## Background Information

NLGN4X is a member of the type-B carboxylesterase/lipase protein family. The encoded protein belongs to a family of neuronal cell surface proteins. Members of this family may act as splice site-specific ligands for beta-neurexins and may be involved in the formation and remodeling of central nervous system synapses. The encoded protein interacts with discs large homolog 4 (DLG4). Mutations in this gene have been associated with autism and Asperger syndrome

## 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

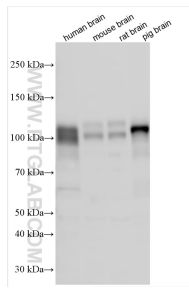
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27278-1-AP (NLGN4X antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.