

For Research Use Only

# NLGN4X Polyclonal antibody

Catalog Number: 27278-1-AP



## Basic Information

Catalog Number:

27278-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2426

GenBank Accession Number:

BC034018

GeneID (NCBI):

57502

UNIPROT ID:

Q8NOW4

Full Name:

neuroligin 4, X-linked

Calculated MW:

92 kDa

Observed MW:

90-100 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat, pig

Positive Controls:

WB : human brain tissue, mouse brain tissue, rat brain tissue, pig brain tissue

## 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. NLGN4X has two isoforms with predicted MW's of 92 kDa and 94 kDa.

## 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

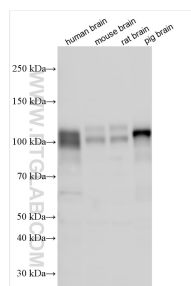
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## Selected Validation Data



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.