

For Research Use Only

# NLGN3 Polyclonal antibody

Catalog Number: 29319-1-AP



## Basic Information

<b>Catalog Number:</b> 29319-1-AP	<b>GenBank Accession Number:</b> BC051715	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 600 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 54413	<b>Recommended Dilutions:</b> WB 1:2000-1:10000 IHC 1:250-1:1000
<b>Source:</b> Rabbit	<b>Full Name:</b> neuroligin 3	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 94 kDa	
<b>Immunogen Catalog Number:</b> AG30536	<b>Observed MW:</b> 90-100 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : mouse brain tissue, IHC : mouse brain tissue,
<b>Species Specificity:</b> Human, Mouse, Rat	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

Neuroligin3 (NLGN3) belongs to the neuroligin family, a class of postsynaptic cell adhesion molecules that regulate synapse organization and dendritic outgrowth, and NLGN3 missense variants have previously been associated with autistic spectrum disorder (ASD).

## Storage

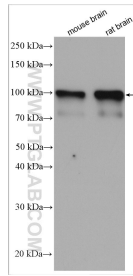
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

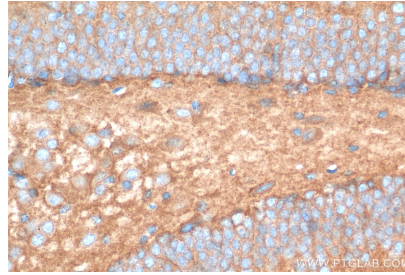
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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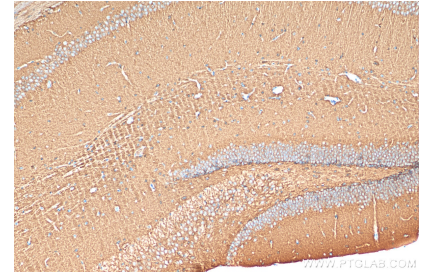
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29319-1-AP (NLGN3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 29319-1-AP (NLGN3 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 29319-1-AP (NLGN3 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).