

For Research Use Only

NLGN3 Polyclonal antibody

Catalog Number: 29319-1-AP



Basic Information

Catalog Number: 29319-1-AP	GenBank Accession Number: BC051715	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 ug/ml by Nanodrop;	GeneID (NCBI): 54413	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:250-1:1000
Source: Rabbit	UNIPROT ID: Q9NZ94	
Isotype: IgG	Full Name: neuroligin 3	
Immunogen Catalog Number: AG30536	Calculated MW: 94 kDa	
	Observed MW: 90-100 kDa	

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

Human, Mouse, Rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse brain tissue,

IHC : mouse brain tissue,

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

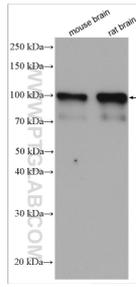
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

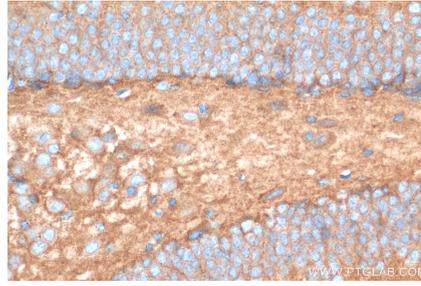
E: proteintech@ptglab.com
W: ptglab.com

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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).