

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:	600 ug/ml	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:	90-110 kDa		

Applications

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

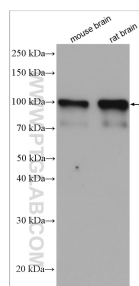
Background Information

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).

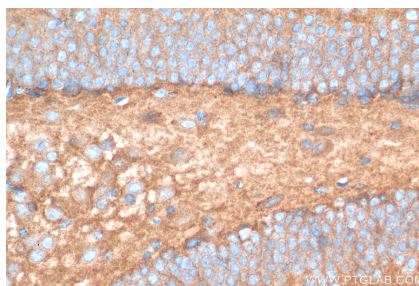
Storage

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

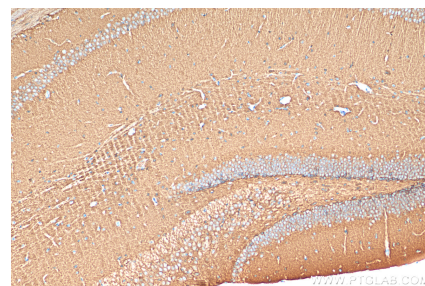
Selected Validation Data



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).