

For Research Use Only

# NRXN1 Polyclonal antibody, PBS Only

Catalog Number: 55051-1-PBS



## Basic Information

|                 |  |                           |            |                               |
|-----------------|--|---------------------------|------------|-------------------------------|
| Catalog Number: | 55051-1-PBS                                | GenBank Accession Number: | NM_004801  | Purification Method:          |
| Size:           | 100ug, Concentration: 1 mg/ml by Nanodrop; | GenID (NCBI):             | 9378       | Antigen affinity purification |
| Source:         | Rabbit                                     | UNIPROT ID:               | Q9ULB1     |                               |
| Isotype:        | IgG  | Full Name:                | neurexin 1 |                               |
|                 |  | Calculated MW:            | 162 kDa    |                               |
|                 |  | Observed MW:              | 162 kDa    |                               |

## Applications

Tested Applications:  
WB, IHC, IF-P, Indirect ELISA

Species Specificity:  
human, mouse

## Background Information

NRXN1 (also known as NRX1A and KIAA0578) is a member of the neurexin family. It is a neuronal cell surface protein that may be involved in cell recognition and cell adhesion. Nrxn1 may mediate intracellular signaling. The antibody is specific to Nrxn1 alpha.

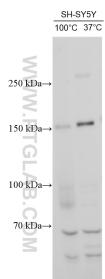
## Storage

Storage:  
Store at -80°C.  
Storage Buffer:  
PBS only, pH7.3

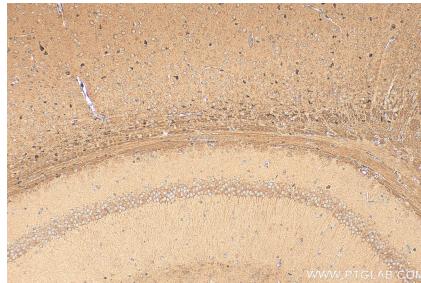
For technical support and original validation data for this product please contact:  
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free  
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W: ptglab.com

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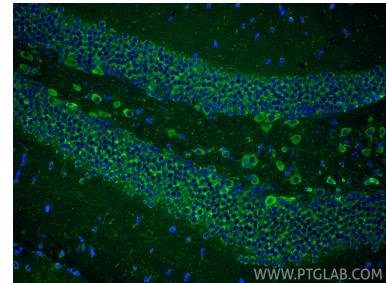
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 55051-1-AP (NRXN1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 55051-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 55051-1-AP (NRXN1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 55051-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse brain tissue using NRXN1 antibody (55051-1-AP) at dilution of 1:400 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 55051-1-PBS in a different storage buffer formulation.