

For Research Use Only

# NRXN1 Polyclonal antibody, PBS Only

Catalog Number: 55051-1-PBS



## Basic Information

### Catalog Number:

55051-1-PBS

### Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_004801

### GeneID (NCBI):

9378

### UNIPROT ID:

Q9ULB1

### Full Name:

neurexin 1

### Calculated MW:

162 kDa

### Observed MW:

162 kDa

### Purification Method:

Antigen affinity purification

## 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

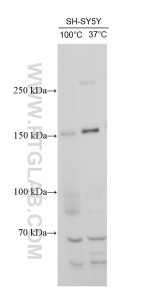
For technical support and original validation data for this product please contact:

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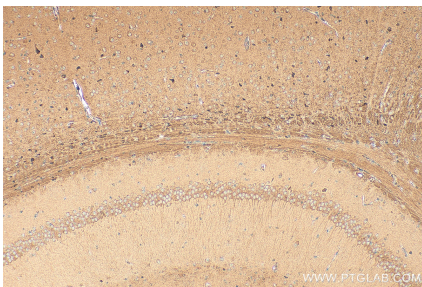
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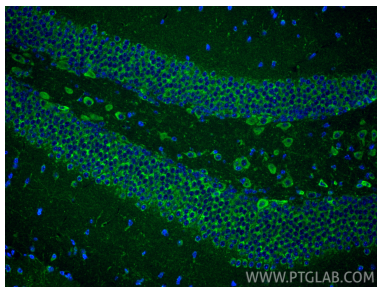
## Selected Validation Data



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.