

For Research Use Only

# NRXN1 Polyclonal antibody, PBS Only

Catalog Number: 55051-1-PBS



## Basic Information

**Catalog Number:**

55051-1-PBS

**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.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**

PBS only, pH7.3

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

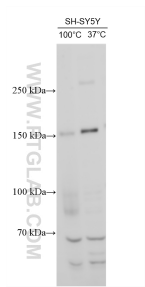
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

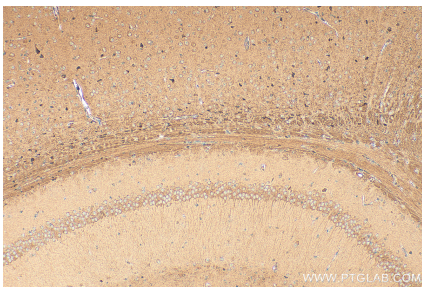
W: [ptgcn.com](http://ptgcn.com)

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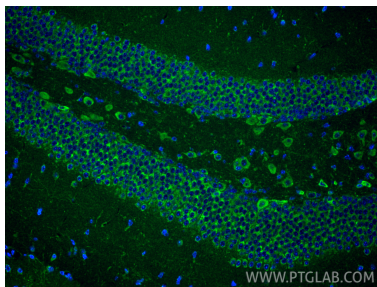
## Selected Validation Data



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.