

For Research Use Only

# NRXN1 Polyclonal antibody

Catalog Number: 55051-1-AP



## Basic Information

Catalog Number:

55051-1-AP

Size:

350 µg/ml

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:

160-170 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IF-P 1:50-1:500

## Applications

Tested Applications:

IF-P, WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : SH-SY5Y cells,

IF-P : mouse brain tissue,

## Background Information

NRXN1, also named as KIAA0578, belongs to 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 -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

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

T: 4006900926

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

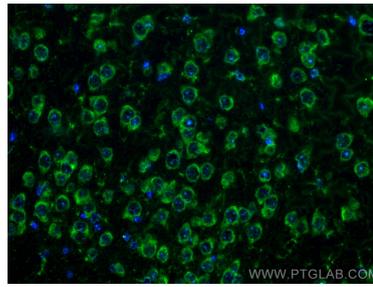
W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

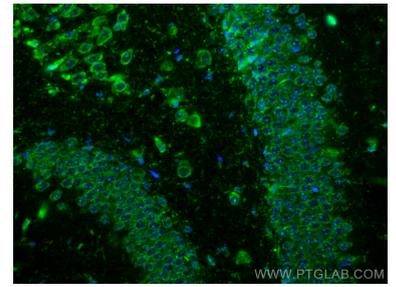
## Selected Validation Data



SH-SY5Y cells 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.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using NRXN1 antibody (55051-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using NRXN1 antibody (55051-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).