

For Research Use Only

# NIPA1 Polyclonal antibody

Catalog Number: 27077-1-AP



## Basic Information

Catalog Number:

27077-1-AP

Size:

850 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG23847

GenBank Accession Number:

BC025678

GeneID (NCBI):

123606

UNIPROT ID:

Q7RTPO

Full Name:

non imprinted in Prader-Willi/Angelman syndrome 1

Calculated MW:

35 kDa

Observed MW:

27 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, Mouse, Rat

Positive Controls:

WB : mouse brain tissue, rat brain tissue

## Background Information

Nonimprinted in Prader-Willi/Angelman loci 1 (NIPA1, also known as SPG6) gene is located in the pericentromeric region of chromosome 15q and encodes a magnesium transporter located in the plasma membrane and early endosomes, implicated in neuronal development and maintenance (PMID: 17166836). NIPA1 is highly conserved along phylogeny and highly expressed in neuronal tissues.

## 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:

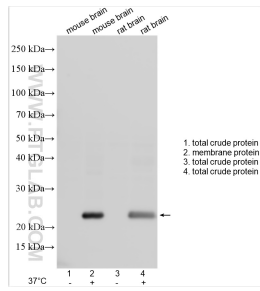
T: 4006900926

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



Various lysates were subjected to SDS PAGE followed by western blot with 27077-1-AP (NIPA1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.