

For Research Use Only

# NIPA1 Polyclonal antibody

Catalog Number: 27077-1-AP



## Basic Information

<b>Catalog Number:</b> 27077-1-AP	<b>GenBank Accession Number:</b> BC025678	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 850 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 123606	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Source:</b> Rabbit	<b>Full Name:</b> non imprinted in Prader-Willi/Angelman syndrome 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 35 kDa	
<b>Immunogen Catalog Number:</b> AG23847	<b>Observed MW:</b> 27 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse brain tissue, rat brain tissue
<b>Species Specificity:</b> human, Mouse, Rat	

## 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

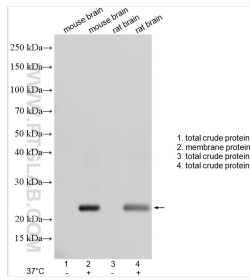
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.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.