

For Research Use Only

NIPA1 Polyclonal antibody

Catalog Number: 27077-1-AP



Basic Information

Catalog Number:

27077-1-AP

Size:

150ul , Concentration: 850 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG23847

GenBank Accession Number:

BC025678

GeneID (NCBI):

123606

UNIPROT ID:

Q7RTP0

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

*** 20ul sizes contain 0.1% BSA

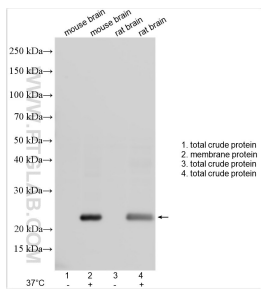
For technical support and original validation data for this product please contact:

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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.