

For Research Use Only

NTT4 Polyclonal antibody

Catalog Number: 31068-1-AP



Basic Information

Catalog Number:

31068-1-AP

Size:

150ul , Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34522

GenBank Accession Number:

NM_001010898

GeneID (NCBI):

388662

UNIPROT ID:

Q9H1V8

Full Name:

solute carrier family 6, member 17

Calculated MW:

727 aa, 81 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, mouse, rat

Positive Controls:

WB : unboiled mouse brain tissue, unboiled mouse cerebellum tissue, unboiled rat brain tissue

Background Information

SLC6A17 also known as NTT4, is a member of the SLC6 family of transporters, which are responsible for the presynaptic uptake of most neurotransmitters. SLC6A17 is a transporter for neutral amino acids and is exclusively expressed in the brain(PMID: 23672601). Defects in SLC6A17 cause Intellectual developmental disorder, autosomal recessive 48(PMID: 25704603). For optimal WB detection with 31068-1-AP, we do not recommend boiling the sample after lysis.

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

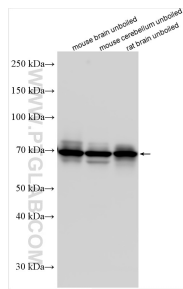
For technical support and original validation data for this product please contact:

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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 31068-1-AP (NTT4 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.