

NTT4 Polyclonal antibody

Catalog Number: 31068-1-AP

Basic Information

Catalog Number:

31068-1-AP

Size:

500 µg/ml

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:

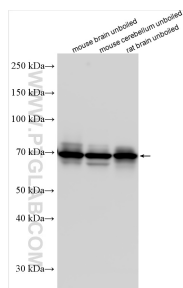
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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.