

For Research Use Only

NTT4 Polyclonal antibody

Catalog Number: 31068-1-AP



Basic Information

Catalog Number: 31068-1-AP	GenBank Accession Number: NM_001010898	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 500 ug/ml by Nanodrop;	GeneID (NCBI): 388662	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q9H1V8	
Isotype: IgG	Full Name: solute carrier family 6, member 17	
Immunogen Catalog Number: AG34522	Calculated MW: 727 aa, 81 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : unboiled mouse brain tissue, unboiled mouse cerebellum tissue, unboiled rat brain tissue
Species Specificity: Human, mouse, rat	

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

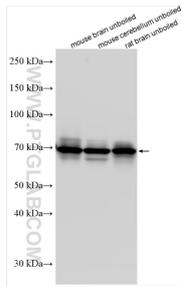
For technical support and original validation data for this product please contact:

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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.