

For Research Use Only

SNAT2 Recombinant antibody

Catalog Number:83968-5-RR



Basic Information

Catalog Number: 83968-5-RR	GenBank Accession Number: BC040342	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 54407	CloneNo.: 241059C6
Source: Rabbit	UNIPROT ID: Q96QD8	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: solute carrier family 38, member 2	
Immunogen Catalog Number: AG23082	Observed MW: 56 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse brain tissue,
Species Specificity: human, mouse	

Background Information

SNAT2 (Sodium-dependent neutral amino acid transporter-2), the ubiquitous member of SLC38 family, accounts for the activity of transport system A for neutral amino acids in most mammalian tissues (PMID: 16734764). SNAT2 mediates uptake of neutral α -amino acids and are expressed in central neurons (PMID: 19240036). SNAT2 is expressed in breast cancer cell lines. SLC38A2 also acts as a selective target for inhibiting growth of Gln-dependent breast cancer cell lines (PMID: 33028955).

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

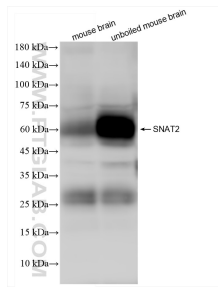
For technical support and original validation data for this product please contact:

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Selected Validation Data



Boiled and unboiled mouse brain tissues were subjected to SDS PAGE followed by western blot with 83968-5-RR (SLC38A2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.