

For Research Use Only

SNAT2 Recombinant antibody, PBS Only

Catalog Number: 83968-5-PBS



Basic Information

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

Applications

Tested Applications:
WB, Indirect ELISA

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 -80°C.

Storage Buffer:
PBS Only

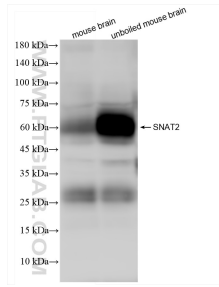
For technical support and original validation data for this product please contact:

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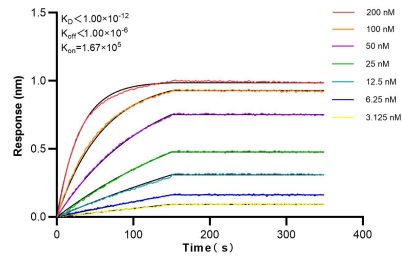
E: proteintech@ptglab.com
W: ptglab.com

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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. This data was developed using the same antibody clone with 83968-5-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83968-5-RR against Human SNAT2 were performed. The affinity constant is below 1 pM.