

For Research Use Only

SNAT2 Recombinant antibody, PBS Only

Catalog Number: 83968-5-PBS



Basic Information

Catalog Number:

83968-5-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG23082

GenBank Accession Number:

BC040342

GeneID (NCBI):

54407

UNIPROT ID:

Q96QD8

Full Name:

solute carrier family 38, member 2

Observed MW:

56 kDa

Purification Method:

Protein A purification

CloneNo.:

241059C6

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

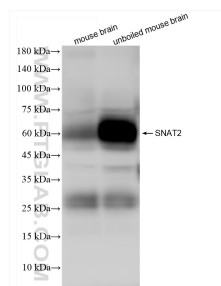
T: 4006900926

E: Proteintech-CN@ptglab.com

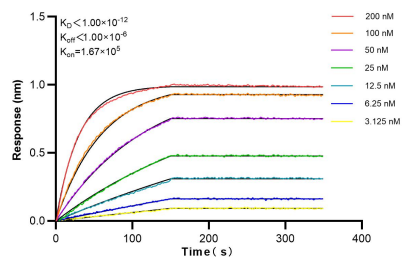
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.