

For Research Use Only

# SNAT2 Polyclonal antibody, PBS Only

Catalog Number: 25928-1-PBS



## Basic Information

Catalog Number:

25928-1-PBS

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:

45 kDa, 56 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

## 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  $\alpha$ -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  $-80^{\circ}\text{C}$ .

**The product is shipped with ice packs. Upon receipt, store it immediately at  $-80^{\circ}\text{C}$**

Storage Buffer:

PBS only, pH7.3

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

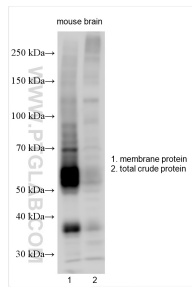
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

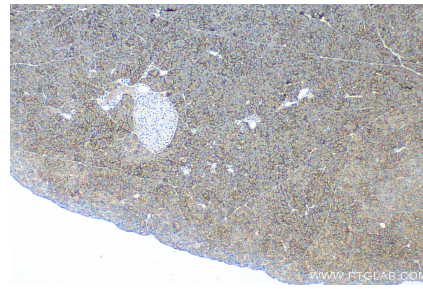
W: [ptgcn.com](http://ptgcn.com)

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

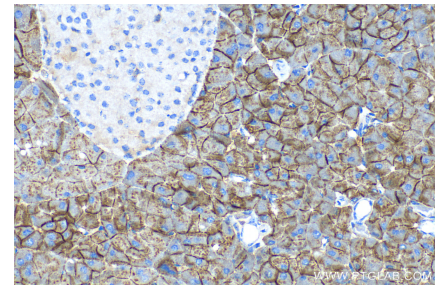
## Selected Validation Data



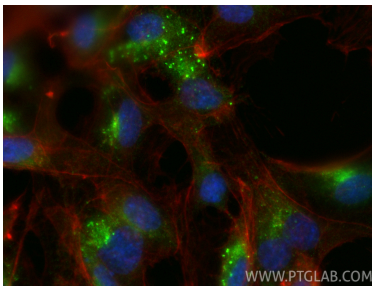
37°C incubated and boiled mouse brain tissues were subjected to SDS PAGE followed by western blot with 25928-1-AP (SNAT2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 25928-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using 25928-1-AP (SNAT2 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 25928-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using 25928-1-AP (SNAT2 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 25928-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HUVEC cells using SNAT2 antibody (25928-1-AP) at dilution of 1:200 and Coralite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red). This data was developed using the same antibody clone with 25928-1-PBS in a different storage buffer formulation.