

For Research Use Only

SLC38A6 Polyclonal antibody, PBS Only

Catalog Number: 27636-1-PBS



Basic Information

Catalog Number: 27636-1-PBS	GenBank Accession Number: BC110378	Purification Method: Antigen affinity purification
Source: Rabbit	GeneID (NCBI): 145389	
Isotype: IgG	UNIPROT ID: Q8IZM9	
Immunogen Catalog Number: AG24654	Full Name: solute carrier family 38, member 6	
	Calculated MW: 456 aa, 51 kDa	
	Observed MW: 43 kDa	

Applications

Tested Applications:
WB, IHC, IF-P, Indirect ELISA

Species Specificity:
human, mouse

Background Information

SLC38A6 is also known as SNAT6 and belongs to the amino acid/polyamine transporter 2 family. SLC38A6 is probably a sodium-dependent amino acid/proton antiporter or a neuronal transporter for glutamate. SLC38A6 has 2 isoforms with the molecular mass of 51 kDa and 58 kDa. The observed molecular weight of SLC38A6 is 43 kDa, which is consistent with the description in the literature of MW between 37 kDa and 50 kDa (PMID: 24752331).

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, pH7.3

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

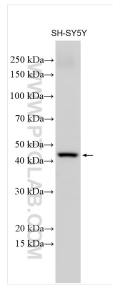
T: 4006900926

E: Proteintech-CN@ptglab.com

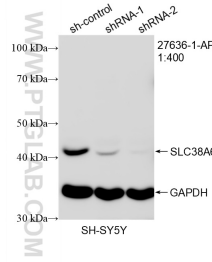
W: ptgcn.com

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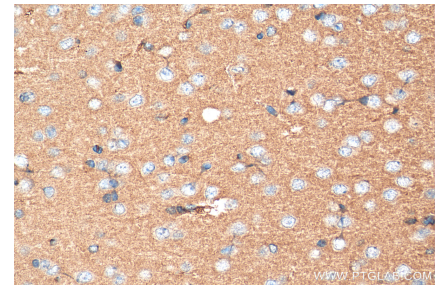
Selected Validation Data



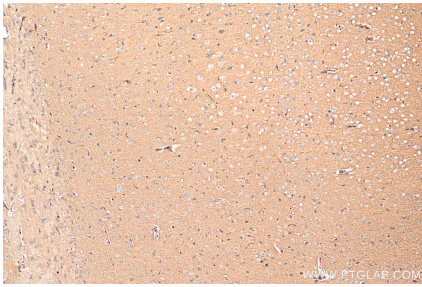
SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 27636-1-AP (SLC38A6 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 27636-1-PBS in a different storage buffer formulation.



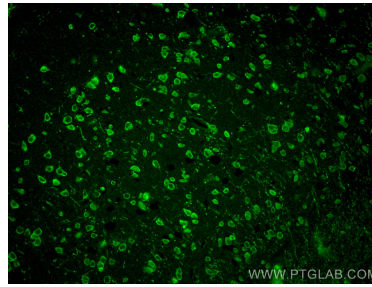
WB result of SLC38A6 antibody (27636-1-AP; 1:400; incubated at room temperature for 1.5 hours) with sh-Control and sh-SLC38A6 transfected SH-SY5Y cells. This data was developed using the same antibody clone with 27636-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 27636-1-AP (SLC38A6 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 27636-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 27636-1-AP (SLC38A6 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 27636-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using SLC38A6 antibody (27636-1-AP) at dilution of 1:800 and CoralLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 27636-1-PBS in a different storage buffer formulation.