

For Research Use Only

SLC5A8 Polyclonal antibody, PBS Only

Catalog Number: 29827-1-PBS



Basic Information

Catalog Number:

29827-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG30183

GenBank Accession Number:

BC110492

GeneID (NCBI):

160728

UNIPROT ID:

Q8N695

Full Name:

solute carrier family 5 (iodide transporter), member 8

Calculated MW:

610 aa, 67 kDa

Observed MW:

67 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

The sodium-coupled monocarboxylate transporter 1 (SMCT1; SLC5A8), belonging to the SLC5A family, is a 67-kDa protein that functions as a Na⁺-coupled electrogenic transporter for SCFAs. SLC5A mRNA and protein are expressed in healthy human, rat, and mouse colon. The protein is localized to the apical membrane of the colonocytes. Immunohistochemical studies revealed the selective localization of SMCT1 on the brush border in the villi of the terminal ileum and crypts of the colon in mice.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

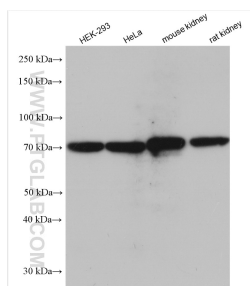
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

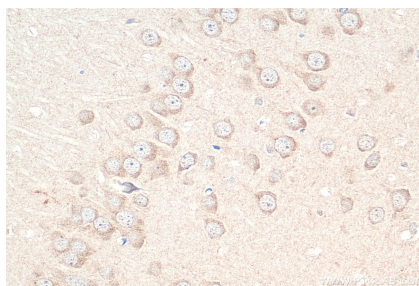
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29827-1-AP (SLC5A8 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 29827-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 29827-1-AP (SLC5A8 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 29827-1-PBS in a different storage buffer formulation.