

For Research Use Only

SLC6A6/TAUT Polyclonal antibody, PBS Only

Catalog Number: 26725-1-PBS



Basic Information

Catalog Number:

26725-1-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24935

GenBank Accession Number:

BC137128

GeneID (NCBI):

6533

UNIPROT ID:

P31641

Full Name:

solute carrier family 6 (neurotransmitter transporter, taurine), member 6

Observed MW:

70 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF-P, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

SLC6A6, also known as TAUT, belongs to the solute carrier 6 (SLC6) family. SLC6A6 is expressed in retinal capillary endothelial cells and mediates the transport of taurine. SLC6A6 can also mediate the transport of beta-alanine, hypotaurine, and gamma-aminobutyric acid. SLC6A6 has 2 isoforms with the molecular mass of 23 and 70 kDa. Sometimes bands of 50 kDa (non-glycosylated) and 75 kDa (glycosylated) may be detected refer to literature (PMID: 35050188).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

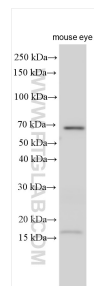
For technical support and original validation data for this product please contact:

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

E: proteintech@ptglab.com
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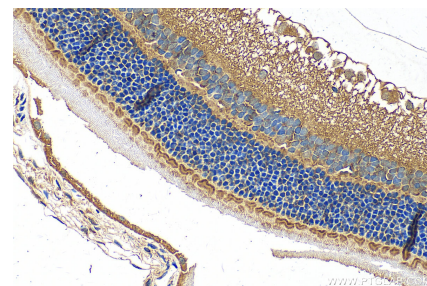
Selected Validation Data



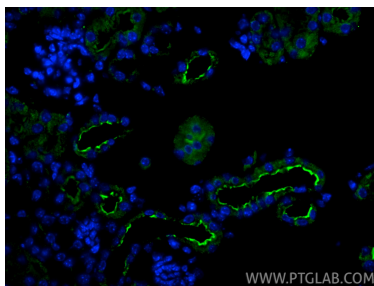
mouse eye tissue were subjected to SDS PAGE followed by western blot with 26725-1-AP (SLC6A6/TAUT antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 26725-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat eye tissue slide using 26725-1-AP (SLC6A6/TAUT 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 26725-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat eye tissue slide using 26725-1-AP (SLC6A6/TAUT 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 26725-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse kidney tissue using SLC6A6/TAUT antibody (26725-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 26725-1-PBS in a different storage buffer formulation.