

For Research Use Only

SLC6A6/TAUT Polyclonal antibody

Catalog Number: 26725-1-AP



Basic Information

Catalog Number: 26725-1-AP	GenBank Accession Number: BC137128	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 ug/ml by Nanodrop;	GeneID (NCBI): 6533	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: P31641	
Isotype: IgG	Full Name: solute carrier family 6 (neurotransmitter transporter, taurine), member 6	
Immunogen Catalog Number: AG24935	Observed MW: 70 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: mouse, rat, human	WB : mouse eye tissue, IHC : rat eye tissue,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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 (non-glycosylated) and 75 kDa (glycosylated) may be detected refer to literature (PMID: 35050188).

Storage

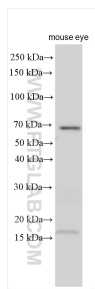
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

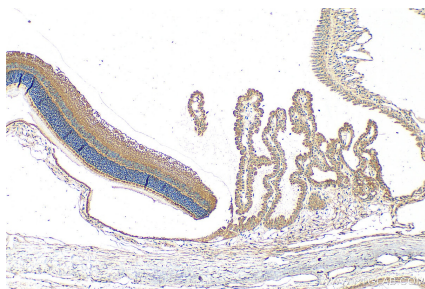
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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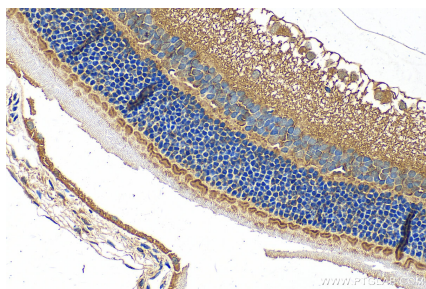
Selected Validation Data



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.



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).



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).