

For Research Use Only

SLC22A10 Polyclonal antibody

Catalog Number: 31069-1-AP



Basic Information

Catalog Number: 31069-1-AP	GenBank Accession Number: NM_001039752	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 500 ug/ml by Nanodrop;	GeneID (NCBI): 387775	Recommended Dilutions: WB 1:500-1:3000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q63ZE4	
Isotype: IgG	Full Name: solute carrier family 22, member 10	
Immunogen Catalog Number: AG34521	Calculated MW: 541 aa, 60 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: Human, mouse, rat	WB : HEK-293T cells, PC-12 cells, mouse kidney tissue, mouse liver tissue, rat kidney tissue, rat liver tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : mouse liver tissue,

Background Information

Organic anion transporter 5 (OAT5), also known as SLC22A10, belongs to the solute carrier group of membrane transport proteins that mediate cellular uptake of endogenous and exogenous organic ions (PMID: 20865662). Rare variants in SLC22A10 may be associated with Alzheimer's disease CSF profile of neuronal injury and inflammation (PMID: 35173266).

Storage

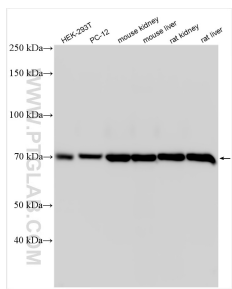
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

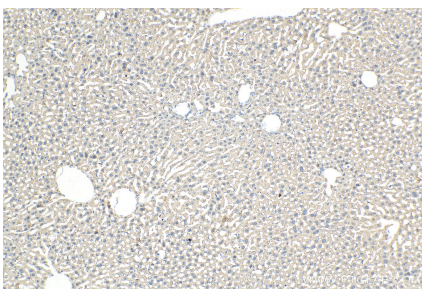
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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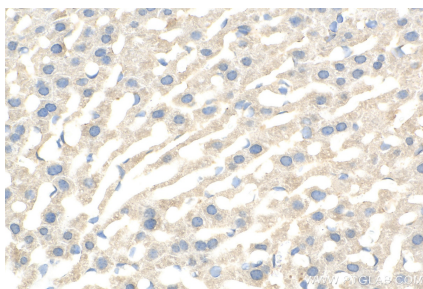
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31069-1-AP (SLC22A10 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 31069-1-AP (SLC22A10 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 mouse liver tissue slide using 31069-1-AP (SLC22A10 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).