

SLC22A10 Polyclonal antibody

Catalog Number: 31069-1-AP

Basic Information

Catalog Number:

31069-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34521

GenBank Accession Number:

NM_001039752

GeneID (NCBI):

387775

UNIPROT ID:

Q63ZE4

Full Name:

solute carrier family 22, member 10

Calculated MW:

541 aa, 60 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:500-1:3000

IHC 1:50-1:500

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

Human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: HEK-293T cells, PC-12 cells, mouse kidney tissue, mouse liver tissue, rat kidney tissue, rat liver tissue

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:

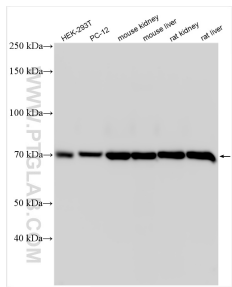
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

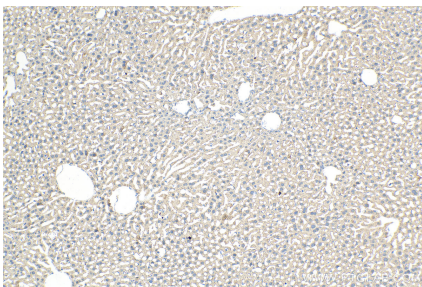
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

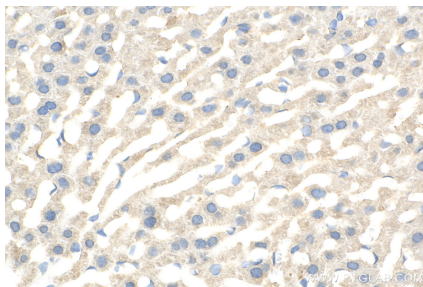
Selected Validation Data



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).