

For Research Use Only

SLC46A3 Polyclonal antibody

Catalog Number: 31031-1-AP



Basic Information

Catalog Number: 31031-1-AP	GenBank Accession Number: BC060850	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop;	GeneID (NCBI): 283537	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q7Z3Q1	
Isotype: IgG	Full Name: solute carrier family 46, member 3	
Immunogen Catalog Number: AG34359	Calculated MW: 463 aa, 52 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : mouse liver tissue,
Species Specificity: Human, mouse	
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

Solute carrier family 46 member 3 (SLC46A3) is a lysosomal membrane protein that belongs to the SLC46A family. SLC46A3 has been reported to be a proton-coupled, steroid conjugate, and bile acid transporter (PMID: 36741448). SLC46A3 plays an important role in Trastuzumab emtansine (T-DM1) treatment, a successful noncleavable antibody-drug conjugates (ADC) (PMID: 36741448).

Storage

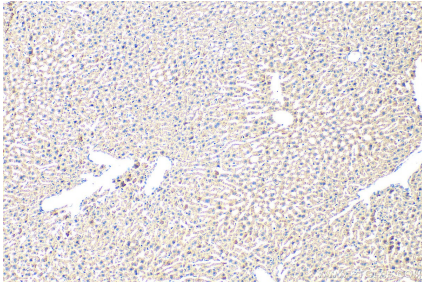
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

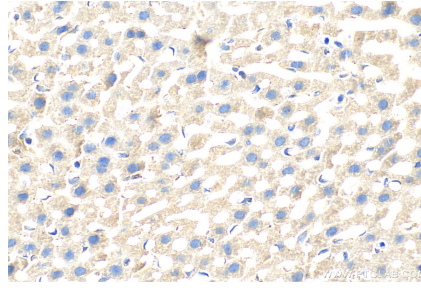
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 31031-1-AP (SLC46A3 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 31031-1-AP (SLC46A3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).