

For Research Use Only

# SLC46A3 Polyclonal antibody

Catalog Number: 31031-1-AP



## Basic Information

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

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : mouse liver tissue,
<b>Species Specificity:</b> 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

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

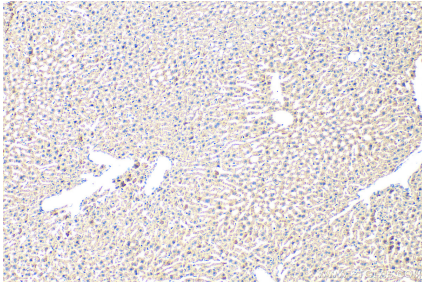
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

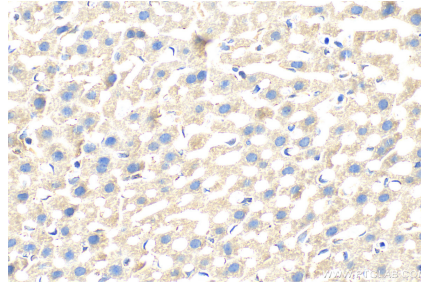
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## 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).