

For Research Use Only

OSTA Polyclonal antibody

Catalog Number: 31330-1-AP



Basic Information

| | | |
|---|---|--|
| Catalog Number: 31330-1-AP | GenBank Accession Number: NM_152672 | Purification Method: Antigen affinity Purification |
| Size: 150ul , Concentration: 400 µg/ml by Nanodrop; | GeneID (NCBI): 200931 | Recommended Dilutions: WB 1:1000-1:4000 |
| Source: Rabbit | UNIPROT ID: Q86UW1 | |
| Isotype: IgG | Full Name: organic solute transporter alpha | |
| Immunogen Catalog Number: AG34517 | Calculated MW: 340 aa, 38 kDa | |
| | Observed MW: 38 kDa | |

Applications

| | |
|--|--|
| Tested Applications: WB, ELISA | Positive Controls: WB : mouse small intestine tissue, rat small intestine tissue |
| Species Specificity: Human, mouse, rat | |

Background Information

SLC51A also known as OSTA, belongs to the OST-alpha family. SLC51A is an essential component of the Ost-alpha/Ost-beta complex, a heterodimer that acts as the intestinal basolateral transporter responsible for bile acid export from enterocytes into portal blood (PubMed:16317684). SLC51A is located in basolateral plasma membrane and transported from the endoplasmic reticulum to the plasma membrane upon interacting with SLC51B. SLC51A is expressed with a high expression in kidney and intestine (PMID: 15563450). Mutations in SLC51A are associated with Cholestasis progressive familial intrahepatic 6 (PMID: 31863603).

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

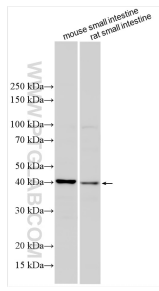
For technical support and original validation data for this product please contact:

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

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31330-1-AP (SLC51A antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.