

For Research Use Only

SLC10A2/ASBT Polyclonal antibody

Catalog Number: 25245-1-AP

16 Publications



Basic Information

Catalog Number:

25245-1-AP

Size:

150ul, Concentration: 700 ug/ml by Nanodrop and 307 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18808

GenBank Accession Number:

BC130523

GeneID (NCBI):

6555

UNIPROT ID:

Q12908

Full Name:

solute carrier family 10 (sodium/bile acid cotransporter family), member 2

Calculated MW:

348 aa, 38 kDa

Observed MW:

38-40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human, mouse, hamster

Positive Controls:

WB: mouse small intestine tissue,

IP: mouse kidney tissue,

Background Information

SLC10A2 also known as ASBT, ISBT, and NTCP2, is a sodium/bile acid cotransporter that is primarily responsible for the uptake of bile acids by apical cells in the distal ileum (PMID: 8661017). Mutations in SLC10A2 cause primary bile acid malabsorption (PBAM) and may be associated with other diseases of the liver and intestines, such as familial hypertriglyceridemia (FHTG) (PMID: 9109432).

Notable Publications

Author	Pubmed ID	Journal	Application
Wei Xu	36087337	J Sci Food Agric	
Ebehiremen N Ayewoh	33189717	Biochim Biophys Acta Biomembr	WB
Kai He	27287254	Biochim Biophys Acta	WB

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

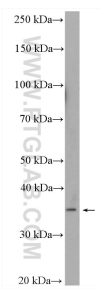
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

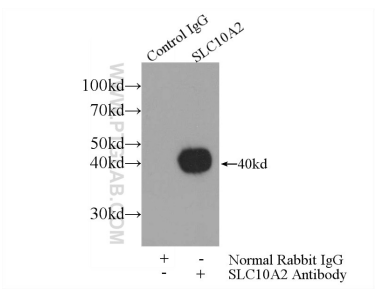
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



mouse small intestine tissue were subjected to SDS PAGE followed by western blot with 25245-1-AP (ASBT antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



IP result of anti-ASBT (IP:25245-1-AP, 4ug; Detection:25245-1-AP 1:300) with mouse kidney tissue lysate 4000ug.