

For Research Use Only

# SLC10A2/ASBT Polyclonal antibody

Catalog Number: 25245-1-AP

17 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, IHC

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, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

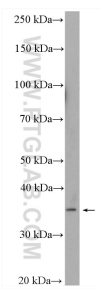
For technical support and original validation data for this product please contact:

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

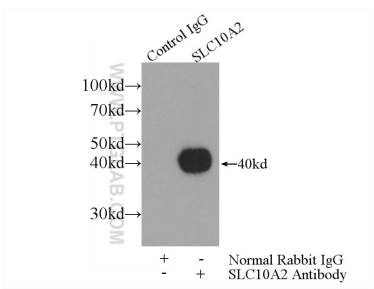
E: proteintech@ptglab.com  
W: ptglab.com

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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.