

SLC10A6 Polyclonal antibody

Catalog Number: 27938-1-AP

Basic Information

Catalog Number:

27938-1-AP

Size:

650 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16609

GenBank Accession Number:

BC107051

GeneID (NCBI):

345274

UNIPROT ID:

Q3KNW5

Full Name:

solute carrier family 10 (sodium/bile acid cotransporter family), member 6

Calculated MW:

377 aa, 41 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:200-1:800

Applications

Tested Applications:

IHC, WB, ELISA

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

Positive Controls:

WB: mouse liver tissue,

IHC: mouse heart tissue, human stomach cancer tissue

Background Information

SLC10A6, also named as SOAT, belongs to the SLC10 sodium-dependent bile acid (BA) transporter family. SLC10A6 is a transporter of steroid sulfates associated with spermatogenesis and fertility. It has been shown that SLC10A6 might be a new anti-proliferative breast cancer target as the SLC10A6 inhibition can affect the proliferation of breast cancer cells. SLC10A6 also plays a key role in hepatic inflammation. 27938-1-AP antibody detects the 70 kDa glycosylated form in SDS-PAGE. (PMID: 26510996, 30186172, 28893621)

Storage

Storage:

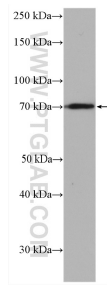
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

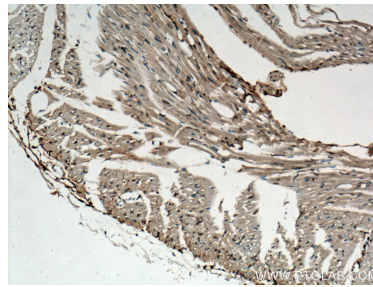
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 27938-1-AP (SLC10A6 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 27938-1-AP (SLC10A6 antibody) at dilution of 1:400 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).