

Datasheet for ABIN4951952 **anti-SLC10A1 antibody**

5 Images



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Overview

Quantity:	100 µg
Target:	SLC10A1
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC10A1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Amino acids EGLLFIIIFRCYLKIKPQKDQTKITYKAAATEDATPAALEK of mouse SLC10A1/NTCP were used as the immunogen for the NTCP antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	SLC10A1
Alternative Name:	SLC10A1 / NTCP (SLC10A1 Products)
Background:	Na ⁺ -taurocholate cotransporting polypeptide (NTCP), also known as SLC10A1 (Solute carrier family 10, member 1), is the major bile acid uptake system in human hepatocytes. NTCP and

Target Details

the ileal transporter ASBT (apical sodium-dependent bile acid transporter) are two sodium-dependent transporters critical for the enterohepatic circulation of bile acids. The hASBT gene is known to be activated by the glucocorticoid receptor (GR). Ho RH et al. indicates functionally important polymorphisms in NTCP exist and that the like lihood of being carriers of such polymorphisms is dependent on ethnicity.

UniProt: [O08705](#)

Application Details

Application Notes: Optimal dilution of the NTCP antibody should be determined by the researcher.\. Western blot: 0.1-0.5 µg/mL,IHC (Paraffin): 0.5-1 µg/mL,IHC (Frozen): 0.5-1 µg/mL,FACS: 1-3 µg/10⁶ cells,IF (FFPE): 1-2 µg/mL

Restrictions: For Research Use only

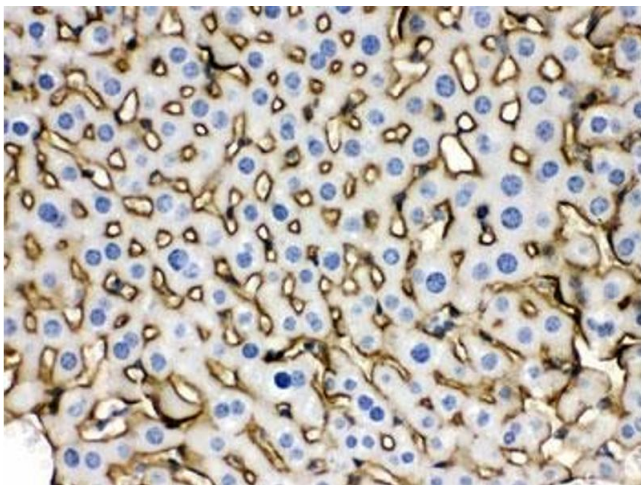
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

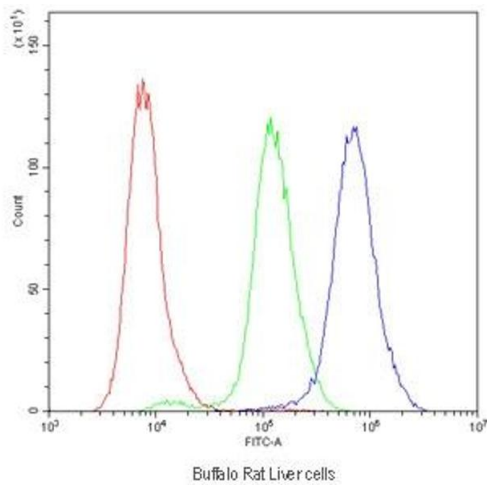
Storage Comment: After reconstitution, the NTCP antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



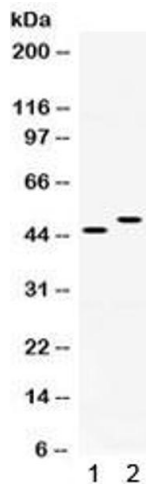
Immunohistochemistry

Image 1. IHC testing of FFPE mouse liver with NTCP antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to staining.



Flow Cytometry

Image 2. Flow cytometry testing of Buffalo rat liver (BRL 3A) cells with NTCP antibody at 1ug/10⁶ cells (blocked with goat sera)



Western Blotting

Image 3. Western blot testing of 1) rat liver and 2) mouse liver lysate with SLC10A1 antibody. Expected molecular weight: 38~45 kDa.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN4951952.