bs-1958R

[Primary Antibody]

www.bioss.com.cn sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

Applications: WB (1:500-2000)

Reactivity: Mouse, Rat

Predicted 38 kDa

Subcellular Cell membrane

MW.:

SLC10A1 Rabbit pAb

DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 20493 **SWISS:** 008705

Target: SLC10A1

Immunogen: KLH conjugated synthetic peptide derived from mouse NTCP:

21-120/349.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: Sodium/bile acid cotransporters are integral membrane

glycoproteins that participate in the enterohepatic circulation of bile acids. Two homologous transporters are involved in the reabsorption of bile acids, one absorbing from the intestinal

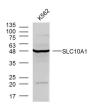
lumen, the bile duct, and the kidney with an apical

localization(SLC10A2; MIM 601295), and the other being found in

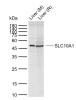
the basolateral membranes of hepatocytes (SLC10A1). Supplied by

[MIMO

VALIDATION IMAGES



Sample: K562 (human)cell Lysate at 40 ug Primary: Anti- SLC10A1 (bs-1958R) at 1/300 dilution Secondary: IRDve800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 38 kD Observed band size: 48 kD



Sample: Lane 1: Mouse Liver tissue lysates Lane 2: Rat Liver tissue lysates Primary: Anti-SLC10A1 (bs-1958R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: kDa Observed band size: 48 kDa

- SELECTED CITATIONS -

- [IF=12.7] Jingyi Shi. et al. Association between NTCP hepatic expression and inflammation/fibrosis as well as genderspecific differences in chronic HBV-infected patients. J MED VIROL. 2024 Jan;96(1):e29428 WB; Human. 38258306
- [IF=6.876] Song Guochao. et al. Potential therapeutic action of tauroursodeoxycholic acid against cholestatic liver injury via hepatic Fxr/Nrf2 and CHOP-DR5-caspase-8 pathway. CLIN SCI. 2023 Apr;137(7):561-577 WB; Mouse. 36795945
- [IF=4.117] Tan Qin. et al. Oligomerization of the HBV/HDV functional receptor NTCP expressed in Sf9 insect cell. BBA-GEN SUBJECTS. 2022 Aug;:130224 IF; Insect. 35944837
- [IF=3.628] Jing Zhao. et al. The choleretic role of tauroursodeoxycholic acid exacerbates alphanaphthylisothiocyanate induced cholestatic liver injury through the FXR/BSEP pathway. J APPL TOXICOL. 2023 Feb;: WB ;Mouse. 36787806
- [IF=4.1] Wenjing Lu. et al. Seasonal changes of vitamin D3 and ovarian steroidogenesis in the wild ground squirrels