

bs-1958R**[Primary Antibody]****BioSS**
ANTIBODIES

www.bioss.com.cn

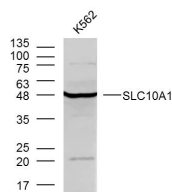
sales@bioss.com.cn

techsupport@bioss.com.cn

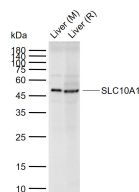
400-901-9800

SLC10A1 Rabbit pAb**DATASHEET**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Mouse, Rat
GeneID: 6554	SWISS: Q14973	
Target: SLC10A1		
Immunogen: KLH conjugated synthetic peptide derived from human NTCP: 21-120/349.		Predicted MW.: 38 kDa
Purification: affinity purified by Protein A		Subcellular Location: Cell membrane
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 OMIM]		

VALIDATION IMAGES

Sample: K562 (human) cell lysate at 40 ug
 Primary: Anti- SLC10A1 (bs-1958R) at 1/300
 dilution Secondary: IRDye800CW 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 gender-specific 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 choleric role of tauroursodeoxycholic acid exacerbates alpha-naphthylisothiocyanate 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

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

(Citellus dauricus Brandt). J STEROID BIOCHEM. 2023 Nov;234:106385 IHC ;Squirrel. 37633652