

**bs-0607R****[ Primary Antibody ]****Slco1a1 Rabbit pAb****BioSS**  
**ANTIBODIES**

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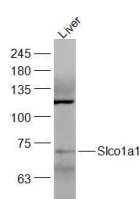
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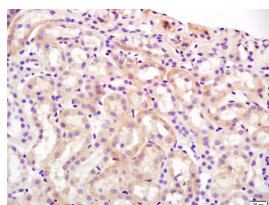
400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 50572 <b>Target:</b> Slco1a1 <b>Immunogen:</b> KLH conjugated synthetic peptide derived from rat Slco1a1: 2-90/670. < Cytoplasmic > <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <b>Storage:</b> 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. <b>Background:</b> mediates the transport of sulfated, amidated bile acid, sulfolithocholyltaurine, into rat hepatocytes	<b>Isotype:</b> IgG  <b>SWISS:</b> P46720	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)  <b>Reactivity:</b> Mouse (predicted: Rat)   <b>Predicted MW.:</b> 74 kDa  <b>Subcellular Location:</b> Cell membrane
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**— VALIDATION IMAGES —**

Sample: Liver (Mouse) Lysate at 40 ug Primary:  
Anti-Slco1a1 (bs-0607R) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at  
1/20000 dilution Predicted band size: 74 kD  
Observed band size: 73 kD



Tissue/cell: mouse kidney tissue; 4%  
Paraformaldehyde-fixed and paraffin-  
embedded; Antigen retrieval: citrate buffer (  
0.01M, pH 6.0 ), Boiling bathing for 15min; Block  
endogenous peroxidase by 3% Hydrogen  
peroxide for 30min; Blocking buffer (normal goat  
serum,C-0005) at 37°C for 20 min; Incubation:  
Anti-OATP-1/Slco1a1 Polyclonal Antibody,  
Unconjugated(bs-0607R) 1:200, overnight at 4°C,  
followed by conjugation to the secondary  
antibody(SP-0023) and DAB(C-0010) staining

**— SELECTED CITATIONS —**

- **[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=5.23]** Enoki, Yuki, et al. "Indoxyl sulfate potentiates skeletal muscle atrophy by inducing the oxidative stress-mediated expression of myostatin and atrogen-1." Scientific Reports 6 (2016): 32084. WB ;Mouse. 27549031
- **[IF=3.3]** Xu C, Zhu L, Chan T, Lu X, Shen W, et al. (2015) The Altered Renal and Hepatic Expression of Solute Carrier Transporters (SLCs) in Type 1 Diabetic Mice. PLoS ONE 10(3): e0120760. WB ;Mouse. 25789863
- **[IF=2.76]** Zhu, Liran, et al. "Saponins extracted from Dioscorea collettii rhizomes regulate the expression of urate transporters in chronic hyperuricemia rats." Biomedicine & Pharmacotherapy 93 (2017): 88-94. IHC ;Rat. 28624426
- **[IF=1.585]** Pang et al. Gypenosides Inhibits Xanthine Oxidoreductase and Ameliorates Urate Excretion in Hyperuricemic Rats Induced by High Cholesterol and High Fat Food (Lipid Emulsion). (2017) Med.Sci.Monit. 23:1129-1140 IHC ;Rat. 28258276

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