bs-3913R **[Primary Antibody]**

SLCO2B1 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 11309 **SWISS:** O94956

Target: SLCO2B1

Immunogen: KLH conjugated synthetic peptide derived from human SLCO2B1: 531-630/709. < Cytoplasmic >

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: SLCO2B1 (solute carrier organic anion transporter family member 2B1), or Organic anion transporter B (OATP-B) mediates sodium-independent transport of organic anions. Unlike other related proteins, SLCO2B1 is expressed in many tissues, including liver, placenta, brain, heart and intestine. SLCO2B1 plays a role in the uptake of steroids and a number of drugs such as statins.

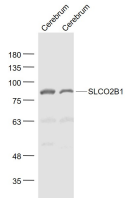
Applications: **WB** (1:500-2000)

Reactivity: Mouse

Predicted MW.: 77 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Sample: Cerebrum (Mouse) Lysate at 40 ug Cerebrum (Rat) Lysate at 40 ug Primary: Anti-SLCO2B1 (bs-3913R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 77 kD Observed band size: 87 kD

SELECTED CITATIONS

- **[IF=10.334]** Wenlong Li. et al. Organic anion-transporting polypeptide 2B1 knockout and humanized mice; insights into the handling of bilirubin and drugs. PHARMACOL RES. 2023 Mar;:106724 IHC ;Mouse. 36907287
- **[IF=3.84]** Yamamoto, Kotaro, et al. "The neuroprotective effect of latanoprost acts via klotho - mediated suppression of calpain activation after optic nerve transection." Journal of Neurochemistry (2016). IHC ;Rat. 27859240
- **[IF=1.6]** Shuangxi Sun. et al. Huatanmaitong tablet alleviate cerebral ischemic reperfusion injury with hyperlipidaemia in rats by regulating OATPs/VEGF axis. CELL MOL BIOL. 2023 Dec;69(13): WB ;Rat. 38158660