bs-11436R **[Primary Antibody]**

SLCO1C1 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 53919 **SWISS:** Q9NYB5

Target: SLCO1C1

Immunogen: KLH conjugated synthetic peptide derived from human SLCO1C1/OATP-F: 401-500/712. < Extracellular >

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: The organic anion transporter family of proteins mediate hepatic uptake of cardiac glycosides. OATP-F is a 712 amino acid member of the organic anion transporter protein family. As a multi-pass membrane protein, OATP-F mediates the Na+-independent, high affinity transport of the thyroid hormones thyroxine (T4) and rT3 and other organic anions. OATP-F is also thought to transport estrone-3-sulfate and sulfobromophthalein (BSP), triiodothyronine (T3) and 17-beta-glucuronosyl estradiol at a much lower efficiency. OATP-F is expressed highly in Leydig cells in testis and in brain.

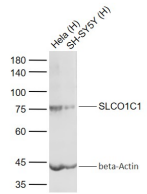
Applications: **WB** (1:500-2000)

Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Sheep, Cow, Dog, Horse)

Predicted MW.: 79 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Sample: Lane 1: Hela (Human) Cell Lysate at 30 ug Lane 2: SH-SY5Y (Human) Cell Lysate at 30 ug Primary: Anti- SLCO1C1 (bs-11436R) at 1/1000 dilution Anti-beta-Actin (bs-0061R) at 1/2000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 79 kD Observed band size: 76 kD

SELECTED CITATIONS

- **[IF=12.2]** Dafu Tang. et al. Gut microbiota-mediated C-sulfonate metabolism impairs the bioavailability and anti-cholestatic efficacy of andrographolide. GUT MICROBES. 2024 九月 12 WB ;Mouse. 39264803
- **[IF=5.6]** Ting Wang. et al. Thyroid Hormone Transporters MCT8 and OATP1C1 Are Expressed in Projection Neurons and Interneurons of Basal Ganglia and Motor Thalamus in the Adult Human and Macaque Brains. INT J MOL SCI. 2023 Jan;24(11):9643 IHC,IF ;Human,Monkey. 37298594