bs-1186R

[Primary Antibody]

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SCARB1/Scavenger Receptor BI Rabbit pAb

- DATASHEET -

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 949 **SWISS:** Q14108

Target: SCARB1/Scavenger Receptor BI

Immunogen: KLH conjugated synthetic peptide derived from human CD36L1:

21-100/552. < 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: High density lipoproteins (HDLs) play a critical role in cholesterol

metabolism and their plasma concentrations are inversely correlated with risk for atherosclerosis. The SR-BI (Scavenger Receptor BI) protein binds HDLs and mediates selective uptake of HDL cholesteryl ester. SR-BI binds HDL with high affinity, is expressed primarily in liver and nonplacental steroidgenic tissues, and mediates selective cholesterol uptake by a distinct mechanism. In mice, it seems that SR-BI plays a key role in determining the levels of plasma lipoprotein cholesterol and the accumulation of cholesterol stores in the adrenal gland. Scavenging Receptor SR-BI plays a critical role in HCV attachment

and/or cell entry by interacting with HCV E1/E2 glycoproteins

heterodimer.

Applications: WB (1:500-2000)

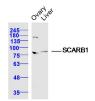
Reactivity: Human, Mouse

(predicted: Rat, Rabbit, Pig, Cow, Chicken, Horse)

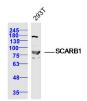
Predicted MW.: 61 kDa

Subcellular Location: Cell membrane ,Cytoplasm

VALIDATION IMAGES



Sample: Ovary (Mouse) Lysate at 40 ug Liver (Mouse) Lysate at 40 ug Primary: Anti-SCARB1/Scavenger Receptor BI (bs-1186R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 61 kD Observed band size: 76 kD



Sample: 293T Cell (Human) Lysate at 40 ug Primary: Anti-SCARB1/Scavenger Receptor BI (bs-1186R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 61 kD Observed band size: 76 kD

— SELECTED CITATIONS –

• [IF=1.8] Gabriel, C., et al. "The physiological expression of scavenger receptor SR-B1 in canine endometrial and placental epithelial cells and its potential involvement in pathogenesis of pyometra." Theriogenology (2016). IHC; Dog. 26898415