



## Rabbit Anti-SCARB1/Scavenger Receptor BI antibody

SL1186R

<b>Product Name:</b>	SCARB1/Scavenger Receptor BI
<b>Chinese Name:</b>	高密度Lipoprotein受体/清道夫受体抗体
<b>Alias:</b>	HDL-R; High Density Lipoprotein Receptor; CD36 Antigen like 1; CD36L1; CLA 1; CLA1;SR BI; SRB1; SRBI; Scavenger Receptor BI; CD36 AND LIMPII ANALOGOUS 1; CD36 Antigen like 1; CD36L1; CLA 1; CLA1; Collagen type I receptor; MGC138242; SCARB1; Scavebger Receptor Class B Member 1; Scavenger Receptor Class B Type 1; SR BI; SRB1; SRBI; Thrombospondin receptor like 1; High density lipoprotein receptor SR-BI.
文献引用 PubMed :	<p><b>Specific References(1)</b> SL1186R has been referenced in 1 publications.</p> <p><b>[IF=1.80]</b>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-P;Dog.</p> <p><a href="#">PubMed:26898415</a></p>
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Pig,Cow,Horse,Rabbit,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000Flow-Cyt=3μg/Test not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	61kDa
<b>Cellular localization:</b>	cytoplasmicThe cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human CD36L1:21-100/552<Extracellular>
<b>Lsotype:</b>	IgG

<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>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 steroidogenic 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.</p> <p><b>Function:</b>  Receptor for different ligands such as phospholipids, cholesterol ester, lipoproteins, phosphatidylserine and apoptotic cells. Probable receptor for HDL, located in particular region of the plasma membrane, called caveolae. Facilitates the flux of free and esterified cholesterol between the cell surface and extracellular donors and acceptors, such as HDL and to a lesser extent, apoB-containing lipoproteins and modified lipoproteins. Probably involved in the phagocytosis of apoptotic cells, via its phosphatidylserine binding activity. Receptor for hepatitis C virus glycoprotein E2. Binding between SCARB1 and E2 was found to be independent of the genotype of the viral isolate. Plays an important role in the uptake of HDL cholesteryl ester.</p> <p><b>Subunit:</b>  Plays a critical role in HCV attachment and/or cell entry by interacting with HCV E1/E2 glycoproteins heterodimer. The C-terminal region binds to PDZK1.</p> <p><b>Subcellular Location:</b>  Cell membrane; Multi-pass membrane protein. Membrane, caveola; Multi-pass membrane protein. Note=Predominantly localized to cholesterol and sphingomyelin-enriched domains within the plasma membrane, called caveolae.</p> <p><b>Tissue Specificity:</b>  Widely expressed.</p> <p><b>Post-translational modifications:</b>  N-glycosylated.  The six cysteines of the extracellular domain are all involved in intramolecular disulfide bonds.</p> <p><b>Similarity:</b></p>

Belongs to the CD36 family.

**SWISS:**  
Q8WTV0

**Gene ID:**  
949

**Database links:**

[Entrez Gene: 949](#) Human

[Entrez Gene: 20778](#) Mouse

[Entrez Gene: 25073](#) Rat

[Omim: 601040](#) Human

[SwissProt: Q8WTV0](#) Human

[SwissProt: Q61009](#) Mouse

[SwissProt: P97943](#) Rat

[Unigene: 520348](#) Human

[Unigene: 282242](#) Mouse

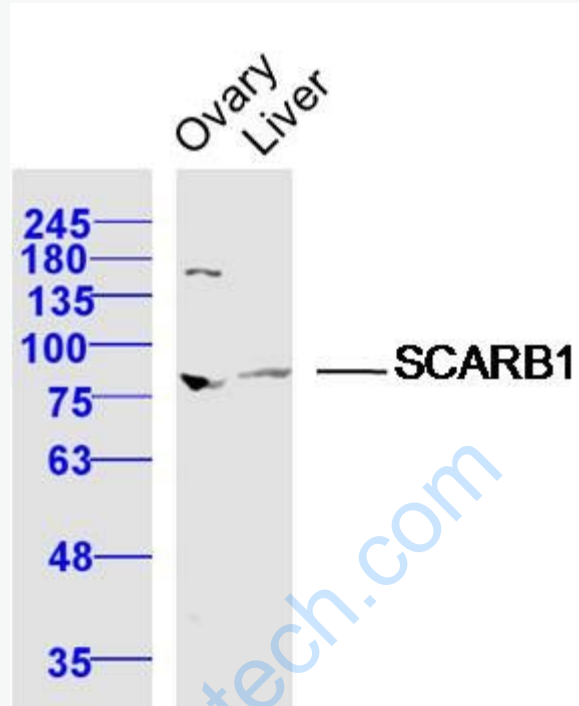
[Unigene: 88169](#) Rat

**Important Note:**

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

组织细胞中存在多种高密度Lipoprotein受体或高密度LipoproteinBinding protein, 这些受体蛋白的组成、结构及一般特征各不相同;高密度Lipoprotein受体在脂质代谢中发挥着重要的作用。

Picture:



Sample:

Ovary (Mouse) Lysate at 40 ug

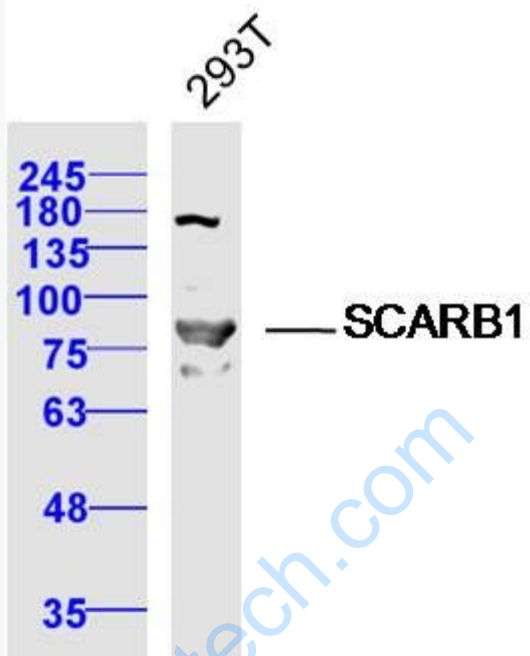
Liver (Mouse) Lysate at 40 ug

Primary: Anti-SCARB1/Scavenger Receptor BI (SL1186R) 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 (SL1186R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 61 kD

Observed band size: 76 kD