

高密度脂蛋白受体清道夫受体抗体

产品货号： mlR23976

英文名称： SCARB1/Scavenger Receptor BI

中文名称： 高密度脂蛋白受体/清道夫受体抗体

别名： HDL-R; High Density Lipoprotein Receptor; CD36 Antigen like 1; CD36L1; CLA 1; CLA1;SR BI; SRB1; SRBI; Scavenger Receptor BI; CD36 AND LIMP II ANALOGOUS 1; CD36 Antigen like 1; CD36L1; CLA 1; CLA1; Collagen type I receptor; MGC138242; SCARB1; Scavenger 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.

研究领域： 免疫学 生长因子和激素 细胞膜受体 糖蛋白

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Pig, Horse, Rabbit,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500
(石蜡切片需做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 61kDa

细胞定位： 细胞浆 细胞膜

性 状： Lyophilized or Liquid

浓 度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human SCARB1/Scavenger Receptor BI:201-300/552 <Extracellular>

亚 型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： 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.

PubMed： PubMed

产品介绍： 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.

Function:

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.

Subunit:

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.

Subcellular Location:

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.

Tissue Specificity:

Widely expressed.

Post-translational modifications:

N-glycosylated.

The six cysteines of the extracellular domain are all involved in intramolecular disulfide bonds.

Similarity:

Belongs to the CD36 family.

SWISS:

Q8WTV0

Gene ID:

949

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脂蛋白受体或高密度脂蛋白结合蛋白，这些受体蛋白的组成、结构及一般特征各不相同；高密度脂蛋白受体在脂质代谢中发挥着重要的作用。

产品图片

