



SCARB1 blocking peptide (CDBP6065)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Antigen Description | The protein encoded by this gene is a plasma membrane receptor for high density lipoprotein cholesterol (HDL). The encoded protein mediates cholesterol transfer to and from HDL. In addition, this protein is a receptor for hepatitis C virus glycoprotein E2. Two transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Mar 2011] |
| Conjugate | Unconjugated |
| Applications | Used as a blocking peptide in immunoblotting applications. |
| Format | Liquid |
| Concentration | 200 µg/mL |
| Size | 0.05 mg |
| Preservative | None |
| Storage | -20°C |

GENE INFORMATION

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| Gene Name | SCARB1 scavenger receptor class B, member 1 [Homo sapiens (human)] |
| Official Symbol | SCARB1 |
| Synonyms | SCARB1; scavenger receptor class B, member 1; CLA1; SRB1; CLA-1; SR-BI; CD36L1; HDLQTL6; scavenger receptor class B member 1; CD36 and LIMP2 analogous 1; scavenger receptor class B type III; CD36 antigen (collagen type I receptor, thrombospondin receptor)-like 1 |
| Entrez Gene ID | 949 |

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| mRNA Refseq | NM_001082959 |
| Protein Refseq | NP_001076428 |
| UniProt ID | Q8WTV0 |
| Pathway | Bile secretion; Binding and Uptake of Ligands by Scavenger Receptors; Fat digestion and absorption; Folate Metabolism; HDL-mediated lipid transport; Hepatitis C; Lipid digestion; Lipoprotein metabolism |
| Function | 1-phosphatidylinositol binding; apolipoprotein A-I binding; apolipoprotein binding; high-density lipoprotein particle binding; high-density lipoprotein particle receptor activity; lipopolysaccharide binding; lipopolysaccharide receptor activity; low-density lipoprotein particle binding; phosphatidylserine binding; protein binding; protein homodimerization activity; transporter activity |