
SCARB1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254079

Unit: 0.1 mg

Description:

Scavenger receptor class B member 1 (SCARB1), also known as SR-BI, is part of the scavenger receptor superfamily, which is composed of many members with diverse structures, expression patterns, and functions. SCARB1 is a multi-ligand cell-surface receptor that mediates the selective uptake of lipid from HDL cholesterol into cells and is expressed in steroidogenic tissues in adult animals. Other ligands of SCARB1 include native, acetylated, or oxidized LDL and anionic phospholipids. SCARB1-deficient mice have elevated HDL levels and increased susceptibility to atherosclerosis on fat feeding, indicating its importance in the regulation of cholesterol homeostasis. Along with CLDN1, LDL-R, and the tetraspanin superfamily member CD81, SCARB1 has been reported to be an entry factor for the Hepatitis C virus. At least two isoforms of SCARB1 are known to exist.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: SCARB1; Scavenger receptor class B member 1; SRB1; SR-BI; CD36 antigen-like 1; CD36 and LIMPII analogous 1; CLA-1; CLA1

Accession No.: Q8WTV0

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human SCARB1.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:00-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.