

Goat Anti-SCARB1 / SR-BI Antibody (C Terminus)
Purified Goat Polyclonal Antibody
Catalog # AF4167a

Specification

Goat Anti-SCARB1 / SR-BI Antibody (C Terminus) - Product Information

| | |
|-------------------|-----------------------------|
| Application | WB |
| Primary Accession | Q8WTV0 |
| Other Accession | NP_005496.4 |
| Reactivity | Human |
| Predicted | Human |
| Host | Goat |
| Clonality | Polyclonal |
| Concentration | 0.5 |
| Calculated MW | 60878 |

Goat Anti-SCARB1 / SR-BI Antibody (C Terminus) - Additional Information

Gene ID 949

Other Names

SCARB1; scavenger receptor class B, member 1; CD36L1; CLA-1; CLA1; HDLQTL6; SR-BI; SRB1; CD36 and LIMPII analogous 1; CD36 antigen (collagen type I receptor, thrombospondin receptor)-like 1; scavenger receptor class B member 1; scavenger receptor class B type III

Format

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

Immunogen

Peptide with sequence C-TSAPKGSVLQEAK, from the C Terminus of the protein sequence according to NP_005496.4.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-SCARB1 / SR-BI Antibody (C Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-SCARB1 / SR-BI Antibody (C Terminus) - Protein Information

Name SCARB1

Synonyms CD36L1, CLA1

Function

Receptor for different ligands such as phospholipids, cholesterol ester, lipoproteins, phosphatidylserine and apoptotic cells (PubMed:12016218, PubMed:12519372, PubMed:21226579). Receptor for HDL, mediating selective uptake of cholesteryl ether and HDL-dependent cholesterol efflux (PubMed:26965621). Also facilitates the flux of free and esterified cholesterol between the cell surface and apoB-containing lipoproteins and modified lipoproteins, although less efficiently than HDL. May be involved in the phagocytosis of apoptotic cells, via its phosphatidylserine binding activity (PubMed:12016218).

Cellular Location

Cell membrane; Multi-pass membrane protein. Membrane, caveola {ECO:0000250|UniProtKB:Q61009}; Multi-pass membrane protein Note=Predominantly localized to cholesterol and sphingomyelin-enriched domains within the plasma membrane, called caveolae

Tissue Location

Widely expressed.

Goat Anti-SCARB1 / SR-BI Antibody (C Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-SCARB1 / SR-BI Antibody (C Terminus) - Images

AF4167a (0.01 µg/ml) staining of Human Adrenal Gland lysate (35 µg protein in RIPA buffer).

Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-SCARB1 / SR-BI Antibody (C Terminus) - References

An involvement of SR-B1 mediated PI3K-Akt-eNOS signaling in HDL-induced cyclooxygenase 2 expression and prostacyclin production in endothelial cells. Zhang QH, Zu XY, Cao RX, Liu JH, Mo ZC, Zeng Y, Li YB, Xiong SL, Liu X, Liao DF, Yi GH. Biochem Biophys Res Commun. 2012 Mar 30;420(1):17-23.