

Goat Anti-SCARB1 / SR-BI Antibody (internal region)
Purified Goat Polyclonal Antibody
Catalog # AF4166a**Specification**

Goat Anti-SCARB1 / SR-BI Antibody (internal region) - Product Information

Application	WB
Primary Accession	Q8WTV0
Other Accession	NP_005496.4 , NP_001076428.1
Reactivity	Human
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5
Calculated MW	60878

Goat Anti-SCARB1 / SR-BI Antibody (internal region) - Additional Information**Gene ID** 949**Other Names**

SCARB1; scavenger receptor class B, member 1; CD36L1; CLA-1; CLA1; HDLQTL6; SR-BI; SRB1; CD36 and LIMP2 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-NGLSKVDFWHSDQ, from the internal region of the protein sequence according to [NP_005496.4](#); [NP_001076428.1](#).

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 (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-SCARB1 / SR-BI Antibody (internal region) - 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 (internal region) - 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 (internal region) - Images



AF4166a (0.03 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 (internal region) - 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.