

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, E
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

Dilution

WB~~1:1000
E~~N/A

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-NGLSKVDFWHSQ, 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

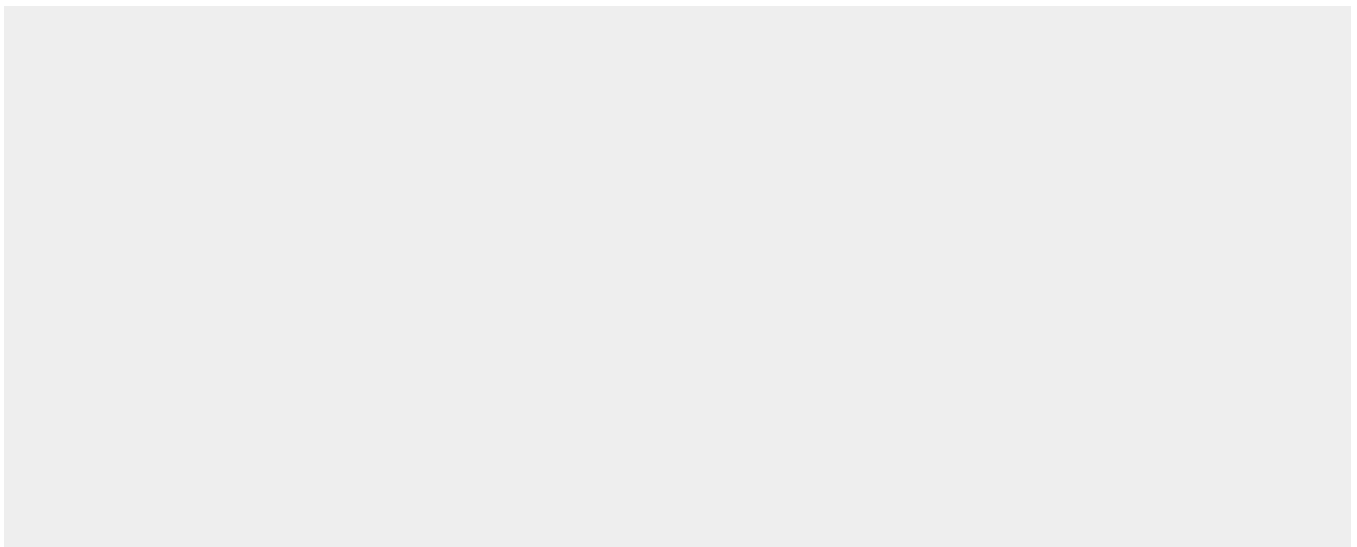
Tissue Location

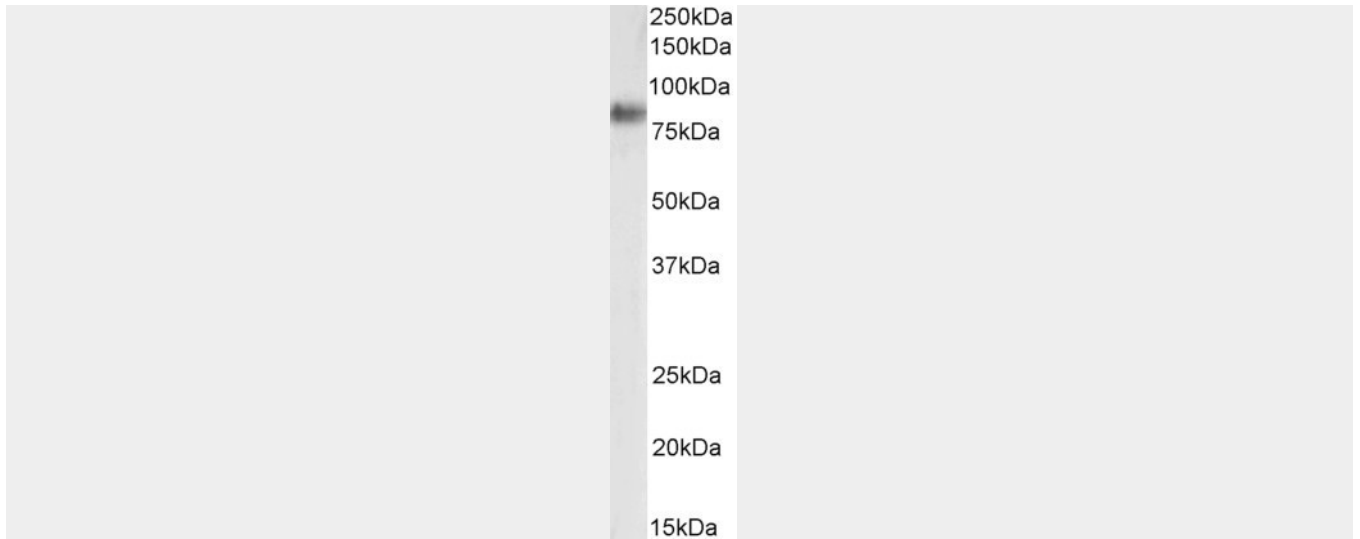
Widely expressed.

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 $\mu\text{g/ml}$) 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.