Rabbit anti-Human SR-BI/SCARB1 Polyclonal Antibody | anti-SCARB1 antibody

Anti-SR-BI/SCARB1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255313	**Rabbit**	**Human**	**Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Western Blot**

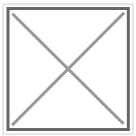
PRODUCT SYNONYMS

SR-BI/SCARB1; Polyclonal Antibody; Anti-SR-BI/SCARB1 Antibody; Rabbit Polyclonal; SR-BI/SCARB1/CD36L1 Antibody; Rabbit PAb; Antigen Affinity Purified; scavenger receptor class B; member 1; Anti-CD36L1 Antibody; Anti-CLA-1 Antibody; Anti-CLA1 Antibody; Anti-HDLQTL6 Antibody; Anti-SR-BI Antibody; Anti-SRB1 Antibody; anti-SCARB1 antibody

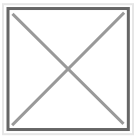
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human SR-BI/SCARB1/CD36L1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-SCARB1 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Recombinant Human SR-BI/SCARB1/CD36L1 Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human SR-BI/SCARB1/CD36L1 (rh SR-BI/SCARB1/CD36L1). SR-BI/SCARB1/CD36L1 specific IgG was purified by Human SR-BI/SCARB1/CD36L1 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

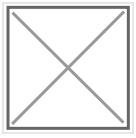
IMAGES



IP (Immunoprecipitation)
SRB1 was immunoprecipitated using:Lane A:0.5 mg Hela Whole Cell LysateLane B:0.5 mg HepG2 Whole Cell Lysate1 uL anti-SRB1 rabbit polyclonal antibody and 15 ul of 50 % Protein G agarose.Primary antibody:Anti-SRB1 rabbit polyclonal antibody,at 1:500 dilutionSecondary antibody:Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilutionDeveloped using the odssey technique.Performed under reducing conditions.Predicted band size: 60 kDaObserved band size: 81 kDa



IF (Immunofluorescence)
Immunofluorescence staining of SRB1 in HeLa cells. Cells were fixed with 4% PFA, permeabilzed with 0.3% Triton X-100 in PBS,blocked with 10% serum, and incubated with rabbit anti-human SRB1 polyclonal antibody (1:5000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to cell membrane and cytoplasm.



WB (Western Blot)
Anti-SRB1 rabbit polyclonal antibody at 1:500 dilutionLane A: HepG2 Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti- Rabbit IgG H&L (Dylight 800) at 1/10000 dilution.Developed using the Odyssey technique.Performed under reducing conditions.Predicted band size:60 kDaObserved band size:81 kDa(We are unsure as to the identity of these extra bands.

ADDITIONAL INFORMATION

Related Product Information for anti-SCARB1 antibody	Scavenger receptor class B, member 1 (SCARB1), also known as CD36L1, is a member of the scavenger receptor family. SCARB1 is expressed primarily in liver and non placental steroidogenic tissues, and predominantly localized to cholesterol and sphingomyelin-enriched domains within the plasma membrane. SCARB1 is proposed as a receptor for different ligands such as phospholipids, cholesterol ester, lipoproteins, phosphatidylserine and apoptotic cells, and is involved in a wide variety of physilogical processes. As a key component in the reverse cholesterol transport pathway, SCARB1 binds high density lipoproteins (HDLs) and mediates selective cholesterol uptake by a mechanism distinct from the LDL pathway. High density lipoproteins (HDLs) play a critical role in cholesterol metabolism and their plasma concentrations are inversely correlated with risk for atherosclerosis. SCARB1 may thus serve as a useful marker that predicts variation in baseline lipid levels and postprandial lipid response. The mouse SCARB1 has been shown to exert actions in determining the levels of plasma lipoprotein cholesterol and the accumulation of cholesterol stores in the adrenal gland.
References	Murao, K. et al., 1997, J. Biol. Chem. 272(28): 17551-17557. Ikemoto, M. et al., 2000, Proc. Natl. Acad. Sci. U.S.A. 97 (12): 6538-6543. Husemann, J. et al., 2001, Am. J. Pathol. 158 (3): 825-832. Williams, D.L. et al., 2001, Endocr. Res. 26 (4): 639-651. Bulte, B. S. et al., 2002, J. Biol. Chem. 277 (39): 36092-36099. Duncan, K.G. et al., 2002, Biochem. Biophys. Res. Commun. 292 (4): 1017-1022.

NCBI AND UNIPROT INFORMATION

NCBI GI #	132566684
NCBI GeneID	949
NCBI Accession #	NP_005496.4
NCBI GenBank Nucleotide #	NM_005505.4
Molecular Weight	56,170 Da
NCBI Official Full Name	scavenger receptor class B member 1 isoform 1
NCBI Official Synonym Full Names	scavenger receptor class B, member 1
NCBI Official Symbol	SCARB1
NCBI Official Synonym Symbols	CLA1; SRB1; CLA-1; SR-BI; CD36L1; HDLQTL6
NCBI Protein Information	scavenger receptor class B member 1; CD36 and LIMPII analogous 1; CD36 antigen (collagen type I receptor, thrombospondin receptor)-like 1; scavenger receptor class B type III

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/sr-bi-scarb1-antibody-immunoprecipitation-immunofluorescence-immunocytochemistry-western-blot-elisa/255313