

SCARB1/Scavenger Receptor BI Recombinant Rabbit mAb

Catalog # AP99992

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q14108
Other Accession	Q14108
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Recombinant
Calculated MW	54290
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SCARB1/Scavenger Receptor BI
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the CD36 family.
SUBUNIT	Plays a critical role in HCV attachment and/or cell entry by interacting with HCV E1/E2 glycoproteins heterodimer. The C-terminal region binds to PDZK1. N-glycosylated.
Post-translational modifications	
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	High density lipoproteins (HDLs) play a critical role in cholesterol metabolism and their plasma concentrations are inversely correlated with risk for atherosclerosis. The SR-BI (Scavenger Receptor BI) protein binds HDLs and mediates selective uptake of HDL cholesteryl ester. SR-BI binds HDL with high affinity, is expressed primarily in liver and nonplacental steroidogenic tissues, and mediates selective cholesterol uptake by a distinct mechanism. In mice, it seems that SR-BI plays a key role in determining the levels of plasma lipoprotein cholesterol and the accumulation of cholesterol stores in the adrenal gland. Scavenging Receptor SR-BI plays a critical role in HCV attachment and/or cell entry by interacting with HCV E1/E2 glycoproteins heterodimer.

Additional Information

Gene ID	950
Other Names	CD36L1; CLA-1; CLA1; HDLCQ6; HDLQTL6; SR-BI; SRB1; AMRF; CD36L2; EPM4; HLGP85; LGP85; LIMP-2; LIMPII; SR-BII; 9330185J12Rik; LIMP II; MLGP85; CD36; Chohd1; D5Ertd460e; Hdlq1; Hlb398; SR-B1; SRBI; mSR-BI; SCRB2_HUMAN; SCARB2; 85 kDa lysosomal membrane sialoglycoprotein (LGP85); CD36 antigen-like 2; Lysosome membrane protein II (LIMP II); Scavenger receptor class B member 2; LIMP2; SCRB1_HUMAN; SCARB1; CD36 and LIMPII analogous 1 (CLA-1); CD36 antigen-like 1; Collagen type I receptor,

thrombospondin receptor-like 1; SCRB2_MOUSE; SCRB1_MOUSE; SCRB2_RAT; SCRB1_RAT; scavenger receptor class B member 1; CD36 antigen (collagen type I receptor, thrombospondin receptor)-like 1; scavenger receptor class B, member 1

Dilution WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:200-500,ICC/IF=1:50-200,IF=1:100-500

Storage Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name SCARB2

Synonyms CD36L2, LIMP2, LIMPII

Function Acts as a lysosomal receptor for glucosylceramidase (GBA1) targeting.

Cellular Location Lysosome membrane; Multi-pass membrane protein

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.