Datasheet for ABIN2806207

anti-SCARB2 antibody (AA 181-280) (AbBy Fluor® 594)

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Overview

Quantity:	100 µL
Target:	SCARB2
Binding Specificity:	AA 181-280
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCARB2 antibody is conjugated to AbBy Fluor® 594
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Scavenger Receptor BII
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	SCARB2
Alternative Name:	Scavenger Receptor BII (SCARB2 Products)

Target Details

Background:	Synonyms: AMRF, EPM4, LGP85, CD36L2, HLGP85, LIMP-2, LIMPII, SR-BII, Lysosome membrane protein 2, 85 kDa lysosomal membrane sialoglycoprotein, CD36 antigen-like 2, Lysosome membrane protein II, LIMP II, Scavenger receptor class B member 2, CD36, SCARB2, LIMP2 Background: High density lipoproteins (HDLs) play a critical role in cholesterol metabolism and their plasma concentrations are inversely correlated with risk for atherosclerosis. SR-BI and SR-BII (previously known as SR-BI.2) are the alternatively spliced products of a single gene. SR-BII and SR-BI are identical except for the encoded c-terminal cytoplasmic domain. Both SR-BI and SR-BII bind HDL and mediates selective uptake of HDL cholesteryl ester, but with SR-BII having an approximately 4-fold lower efficiency than SR-BI. SR-BI and SR-BII are expressed primarily in liver and non-placental steroidgenic tissues. Although the role of these scavenger receptors is not completely clear, SR-BII mRNA results from the alternative splicing of SR-BI precursor transcripts with both isoforms mediating selective transfer of lipid between HDL and cells. Therefore, the relative expression and functional activities of these two isoforms create a potential means of regulating selective lipid transfer between HDL and cells.
Gene ID:	950
UniProt:	Q14108

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling

Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months