antibodies

Datasheet for ABIN873185 anti-SCARB2 antibody (AA 181-280)

3 Images



Overview

Quantity:	100 µL
Target:	SCARB2
Binding Specificity:	AA 181-280
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCARB2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

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

Target:

SCARB2

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Target Details	
Abstract:	SCARB2 Products
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:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	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:

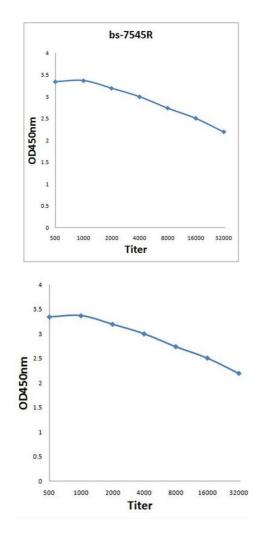
0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

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Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



ELISA

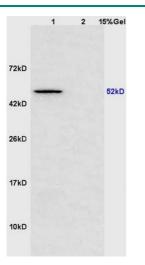
Image 1. Antigen: 2 μg/100 μL Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000; Secondary: HRP conjugated Rabbit Anti-Goat IgG at 1: 5000; TMB staining Read the data in Microplate Reader by 450nm.

ELISA

Image 2. Antigen: 0.2ug/100ul, Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000, Secondary: HRP conjugated Goat-Anti-Rabbit IgG at 1: 5000, TMB staining, Read the data in MicroplateReader by 450nm

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Images



SDS-PAGE

Image 3. Lane 1: mouse heart lysates Lane 2: mouse brain lysates probed with Anti Scavenger Receptor BII Polyclonal Antibody, Unconjugated (ABIN873185) at 1:200 in 4 °C. Followed by conjugation to secondary antibody at 1:3000 90min in 37 °C. Predicted band 52kD. Observed band size: 52kD.

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