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## Datasheet for ABIN2179068 anti-SCARB2 antibody (AA 181-280) (Biotin)

### 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 Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### 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
Abstract:	<a href="#">SCARB2 Products</a>

## Target Details

Background:	<p>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</p> <p>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 steroidogenic 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.</p>
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Gene ID:	950
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UniProt:	<a href="#">Q14108</a>
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## Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
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

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Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months