

SCARB1/Scavenger Receptor BI Rabbit pAb

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Catalog # AP94272

Product Information

Application	WB
Primary Accession	O35114
Reactivity	Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54044
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse SCARB1/Scavenger Receptor BI
Epitope Specificity	411-509/509
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cell membrane; Multi-pass membrane protein. Membrane, caveola; Multi-pass membrane protein. Note=Predominantly localized to cholesterol and sphingomyelin-enriched domains within the plasma membrane, called caveolae.
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	12492
Other Names	Lysosome membrane protein 2, 85 kDa lysosomal membrane sialoglycoprotein, LGP85, Lysosome membrane protein II, LIMP II, Scavenger receptor class B member 2, Scarb2
Dilution	WB=1:500-2000

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.

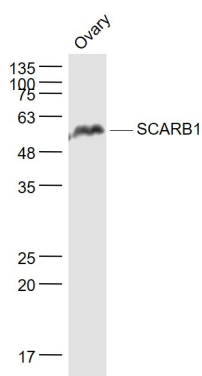
Protein Information

Name	Scarb2
Function	Acts as a lysosomal receptor for glucosylceramidase (GBA1) targeting.
Cellular Location	Lysosome membrane; Multi-pass membrane protein
Tissue Location	Detected in the extracts of brain, heart, lung, liver and kidney

Background

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Images



Sample:
Ovary (Mouse) Lysate at 40 ug
Primary: Anti- SCARB1 (AP94272) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 61 kD
Observed band size: 57 kD

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