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SCARB1/Scavenger Receptor BI Rabbit pAb

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Catalog # AP94272

Specification

SCARB1/Scavenger Receptor BI Rabbit pAb - Product Information

Application	**WB**
Primary Accession	Q61009
Reactivity	**Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**56754**

SCARB1/Scavenger Receptor BI Rabbit pAb - Additional Information

Gene ID 20778

Other Names
Scavenger receptor class B member 1, SRB1, SR-BI, Scarb1, Srb1

Format
0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage
Store at -20 ℃ 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 ℃.

SCARB1/Scavenger Receptor BI Rabbit pAb - Protein Information

Name Scarb1

Synonyms Srb1

Function
Receptor for different ligands such as phospholipids, cholesterol ester, lipoproteins, phosphatidylserine and apoptotic cells (By similarity). Both isoform 1 and isoform 2 act as receptors for HDL, mediating selective uptake of cholesteryl ether and HDL-dependent cholesterol efflux (PubMed:9254074, PubMed:9614139). Also facilitates the flux of free and esterified cholesterol between the cell surface and apoB-containing lipoproteins and modified lipoproteins, although less efficiently than HDL. May be involved in the phagocytosis of apoptotic cells, via its phosphatidylserine binding activity (By similarity).

Cellular 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. [Isoform 2]: Cell membrane. Membrane, caveola

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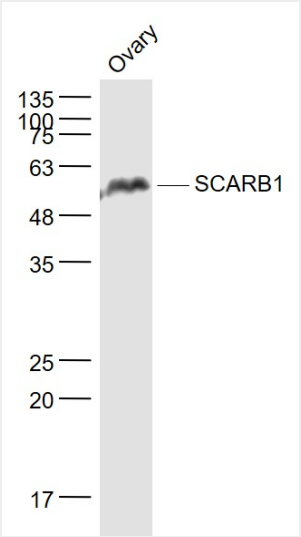
Tissue Location
Expressed primarily in liver, ovary and adrenal gland, and, at lower levels in other non-placental steroidogenic tissues, including adipose tissue, mammary gland and testis (at protein level) (PubMed:8560269, PubMed:9254074, PubMed:9614139). Isoform 2 is expressed at lower levels than isoform 1 in liver, testis and adrenal gland (PubMed:9614139). At the mRNA, but not at the protein level, isoform 2 is the predominant isoform in testis (80%) (PubMed:9254074)

SCARB1/Scavenger Receptor BI Rabbit pAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SCARB1/Scavenger Receptor BI Rabbit pAb - 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

SCARB1/Scavenger Receptor BI Rabbit pAb - Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.