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Anti-SCARB1/Sr Bi Rabbit Monoclonal Antibody

Catalog # ABO13826

Product Information

Application	WB, IHC, IF, ICC, FC
Primary Accession	Q8WTV0
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-SCARB1/Sr Bi Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

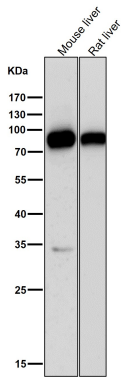
Additional Information

Gene ID	949
Other Names	Scavenger receptor class B member 1, SRB1, CD36 and LIMPII analogous 1, CLA-1, CD36 antigen-like 1, Collagen type I receptor, thrombospondin receptor-like 1, SR-BI, CD36, SCARB1, CD36L1, CLA1
Calculated MW	60878
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 FC 1:50
Subcellular Localization	Cell membrane ; Multi-pass membrane protein. Membrane, caveola; Multi-pass membrane protein. Predominantly localized to cholesterol and sphingomyelin-enriched domains within the plasma membrane, called caveolae.
Tissue Specificity	Widely expressed.
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: CGE-19
Immunogen	A synthesized peptide derived from human Scavenging Receptor SR-BI
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

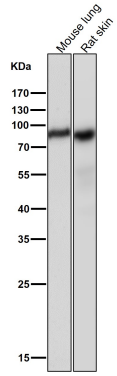
Protein Information

Name	SCARB1
Synonyms	CD36L1, CLA1
Function	Receptor for different ligands such as phospholipids, cholesterol ester, lipoproteins, phosphatidylserine and apoptotic cells (PubMed:12016218, PubMed:12519372, PubMed:21226579). Receptor for HDL, mediating selective uptake of cholesteryl ether and HDL-dependent cholesterol efflux (PubMed:26965621). 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 (PubMed:12016218).
Cellular Location	Cell membrane; Multi-pass membrane protein. Membrane, caveola {ECO:0000250|UniProtKB:Q61009}; Multi-pass membrane protein Note=Predominantly localized to cholesterol and sphingomyelin-enriched domains within the plasma membrane, called caveolae
Tissue Location	Widely expressed.

Images

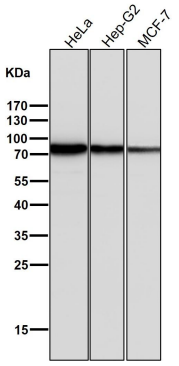


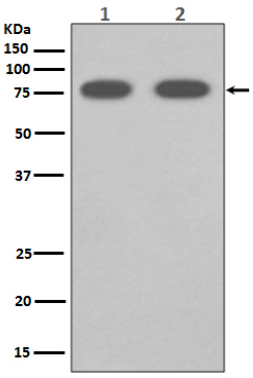
All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



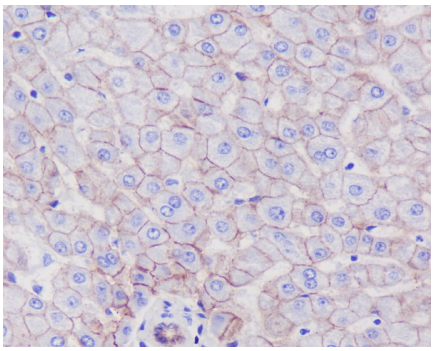
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Western blot analysis of SCARB1 expression in (1) Human fetal liver lysate; (2) Mouse liver lysate.



Immunohistochemical analysis of paraffin-embedded human liver, using SCARB1 Antibody.

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