10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

KD-Validated Anti-SCARB1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody
Catalog # AGI1679

Product Information

Application	WB, ICC
Primary Accession	Q8WTV0
Reactivity	Rat, Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	24GB1395
Calculated MW	60878
Gene Name	SCARB1
Aliases	SCARB1; Scavenger Receptor Class B Member 1; CLA-1; SR-BI; SRB1; CLA1; CD36L1; CD36 Antigen (Collagen Type I Receptor, Thrombospondin Receptor)-Like 1; CD36 And LIMPII Analogous 1; Collagen Type I Receptor, Thrombospondin Receptor-Like 1; Scavenger Receptor Class B, Member 1; Scavenger Receptor Class B Type III; CD36 Antigen-Like 1; CD36 Antigen; HDLQTL6; HDLCQ6
Immunogen	A synthesized peptide derived from human Scavenging Receptor SR-BI

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

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.