Immunotag™ SCARB1 Antibody

Antibody Specification

Catalog No.	ITA6559
Product Description	Immunotag™ SCARB1 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	SCARB1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human SCARB1
Specificity	SCARB1 Antibody detects endogenous levels of total SCARB1
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	SCARB1
Accession No.	Q8WTV0
Alternate Names	CD36 and LIMPII analogous 1; CD36; CD36 Antigen like 1; CD36 antigen-like 1; CD36L1; CLA 1; CLA-1; CLA1; Collagen type I receptor; HDLQTL6; MGC138242; SCARB1; Scavebger Receptor Class B Member 1; Scavenger receptor class B member 1; Scavenger Receptor Class B Type 1; SCRB1_HUMAN; SR BI; SR-BI; SRB1; SRBI; Thrombospondin receptor like 1; thrombospondin receptor-like 1;

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Description	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).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	61kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.