ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-SCARB1 / SR-BI Antibody

Item Number	dAP-3144
Target Molecule	Principle Name: SCARB1 / SR-BI; Official Symbol: SCARB1; All Names and Symbols: SCARB1; scavenger receptor class B, member 1; CD36L1; CLA-1; CLA1; HDLQTL6; SR-BI; SRB1; CD36 and LIMPII analogous 1; CD36 antigen (collagen type I receptor, thrombospondin receptor)-like 1; scavenger receptor class B member 1; scavenger receptor class B ; Accession Number (s): NP_005496.4; Human Gene ID(s): 949; Non-Human GeneID(s):
Immunogen	TSAPKGSVLQEAK, is from C Terminus This antibody is expected to recognize isoform 1 (NP_005496.4) only.
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconsititute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 85kDa band observed in Human Adrenal gland lysates (calculated MW of 57.0kDa according to NP_005496.4). We do note that SCARB1 is a glycoprotein which makes a higher size band to be expected, and this is consistent with observations
IHC	
Reference	Reference(s): Zhang QH, Zu XY, Cao RX, Liu JH, Mo ZC, Zeng Y, Li YB, Xiong SL, Liu X, Liao DF, Yi GH. An involvement of SR-B1 mediated PI3K-Akt-eNOS signaling in HDL-induced cyclooxygenase 2 expression and prostacyclin production in endothelial cells. Biochem Biophys Res Commun. 2012 Mar 30;420

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

Angio-Proteomie | 11 Park Drive, Suite 12 Boston, MA 02215, USA | Tel: 001-617-549-2665 | Fax: 001-480-247-4337 | Email: angioproteomie@gmail.com