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Product datasheet for TA329094

LIMPII (SCARB2) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 0.01-0.03ug/ml
Reactivity:	Human
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Internal region (NGLSKVDFWHSDQ)
Formulation:	Supplied at 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.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	scavenger receptor class B member 2
Database Link:	NP_005497 Entrez Gene 950 Human Q14108

View online »

Background: Scavenger receptor class B member 1 (SCARB1), also known as SR-BI, is part of the scavenger receptor superfamily, which is composed of many members with diverse structures, expression patterns, and functions. SCARB1 is a multi-ligand cell-surface receptor that mediates the selective uptake of lipid from HDL cholesterol into cells and is expressed in steroidogenic tissues in adult animals. Other ligands of SCARB1 include native, acetylated, or oxidized LDL and anionic phospholipids. SCARB1-deficient mice have elevated HDL levels and increased susceptibility to atherosclerosis on fat feeding, indicating its importance in the regulation of cholesterol homeostasis. Along with CLDN1, LDL-R, and the tetraspanin superfamily member CD81, SCARB1 has been reported to be an entry factor for the Hepatitis C virus. At least two isoforms of SCARB1 are known to exist.

Synonyms: AMRF; CD36L2; EPM4; HLGP85; LGP85; LIMP-2; LIMPII; SR-BII

Note: This antibody is expected to recognize both reported isoforms (NP_005496.4; NP_001076428.1).

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Lysosome

Product images:

TA329094 (0.03ug/ml) staining of Human Adrenal Gland lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.