

Datasheet

SCARB2 polyclonal antibody

Catalog Number: PAB13376

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of SCARB2.

Immunogen: A synthetic peptide corresponding to internal region 16 amino acids of human SCARB2.

Host: Rabbit

Reactivity: Human, Mouse, Rat

Applications: IHC-P, WB-Ti
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Recommend Usage: Western Blot (1-2 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.02% sodium azide)

Storage Instruction: Store at 4°C for three months. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 950

Gene Symbol: SCARB2

Gene Alias: AMRF, CD36L2, HLGP85, LIMPII, SR-BII

Gene Summary: The protein encoded by this gene is a type III glycoprotein that is located primarily in limiting membranes of lysosomes and endosomes. Studies of the similar protein in mice and rat suggested that this protein may participate in membrane transportation and the reorganization of endosomal/lysosomal compartment. Deficiency of the similar protein in mice was reported to impair cell membrane transport

processes and cause pelvic junction obstruction, deafness, and peripheral neuropathy. [provided by RefSeq]

References:

1. Deafness in LIMP2-deficient mice due to early loss of the potassium channel KCNQ1/KCNE1 in marginal cells of the stria vascularis. Knipper M, Claussen C, Rüttiger L, Zimmermann U, Lüllmann-Rauch R, Eskelinen EL, Schröder J, Schwake M, Saftig P. J Physiol. 2006 Oct 1;576(Pt 1):73-86. Epub 2006 Aug 10.
2. LIMP-2/LGP85 deficiency causes ureteric pelvic junction obstruction, deafness and peripheral neuropathy in mice. Gamp AC, Tanaka Y, Lüllmann-Rauch R, Wittke D, D'Hooze R, De Deyn PP, Moser T, Maier H, Hartmann D, Reiss K, Illert AL, von Figura K, Saftig P. Hum Mol Genet. 2003 Mar 15;12(6):631-46.
3. Isolation and sequencing of a cDNA clone encoding 85kDa sialoglycoprotein in rat liver lysosomal membranes. Fujita H, Ezaki J, Noguchi Y, Kono A, Himeno M, Kato K. Biochem Biophys Res Commun. 1991 Jul 31;178(2):444-52.