

Datasheet for ABIN6147412
anti-SCARB2 antibody (AA 200-380)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	SCARB2
Binding Specificity:	AA 200-380
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCARB2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 200-380 of human SR-B2/LIMPII (NP_005497.1).
Sequence:	GLFYEKNGTN DGDYVFLTGE DSYLNFTKIV EWNGKTSLDW WITDKCNMIN GTDGDSFHPL ITKDEVLYVF PSDFCRSVYI TFSDYESVQG LPAFRYKVPA EILANTSDNA GFCIPEGNCL GSGVLNVSIC KNGAPIIMSF PHFYQADERF VSAIEGMHPN QEDHETFVDI NPLTGIILKA A
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	SCARB2
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Target Details

Alternative Name:	SCARB2 (SCARB2 Products)
Background:	<p>The protein encoded by this gene is a type III glycoprotein that is located primarily in limiting membranes of lysosomes and endosomes. Earlier studies in mice and rat suggested that this protein may participate in membrane transportation and the reorganization of endosomal/lysosomal compartment. The protein deficiency in mice was reported to impair cell membrane transport processes and cause pelvic junction obstruction, deafness, and peripheral neuropathy. Further studies in human showed that this protein is a ubiquitously expressed protein and that it is involved in the pathogenesis of HFMD (hand, foot, and mouth disease) caused by enterovirus-71 and possibly by coxsackievirus A16. Mutations in this gene caused an autosomal recessive progressive myoclonic epilepsy-4 (EPM4), also known as action myoclonus-renal failure syndrome (AMRF). Alternatively spliced transcript variants encoding different isoforms have been found for this</p> <p>gene.,SCARB2,AMRF,CD36L2,EPM4,HLGP85,LGP85,LIMP-2,LIMP2,SR-BII,Cancer,Signal Transduction,Endocrine & Metabolism,Lipid Metabolism,Cholesterol Metabolism,Cardiovascular,Lipids,SCARB2</p>
Molecular Weight:	37 kDa/54 kDa
Gene ID:	950
UniProt:	Q14108

Application Details

Application Notes:	WB,1:1000 - 1:3000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

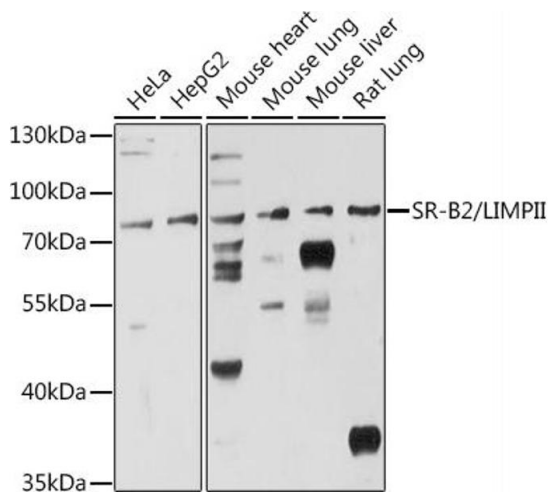
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

Handling

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using SR-B2/LIMPII antibody (ABIN6127596, ABIN6147412, ABIN6147414 and ABIN6216462) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.