Product Datasheet

SCARB2 antibody

Catalog No: #38794

Package Size: #38794-1 50ul #38794-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

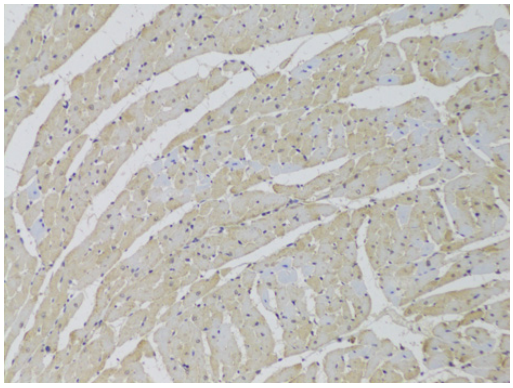
Description

Product Name	SCARB2 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	IHC
Species Reactivity	Rat
Specificity	The antibody detects endogenous level of total SCARB2 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human SCARB2.
Target Name	SCARB2
Other Names	AMRF; EPM4; LGP85; CD36L2; HLGP85; LIMP-2; LIMPII; SR-BII;
Accession No.	Swiss-Prot#: Q14108NCBI Gene ID: 950
Uniprot	Q14108
GeneID	950;
SDS-PAGE MW	54kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

IHC□1:50 - 1:200

Images



Immunohistochemistry of paraffin-embedded rat heart using SCARB2 at dilution of 1:100 (20x lens).

Background

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 gene.

Note: This product is for in vitro research use only