ARG64911
anti-SCARB2 / LIMP2 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes SCARB2 / LIMP2
Tested Reactivity	Hu
Predict Reactivity	Ms
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	SCARB2 / LIMP2
Species	Human
Immunogen	C-NKANIQFGDNGTTIS
Conjugation	Un-conjugated
Alternate Names	EPM4; LIMP-2; CD36L2; LIMPII; CD antigen CD36; LGP85; AMRF; LIMP II; HLGP85; Lysosome membrane protein 2; 85 kDa lysosomal membrane sialoglycoprotein; Lysosome membrane protein II; CD36 antigen-like 2; Scavenger receptor class B member 2; SR-BII

Application Instructions

Application table

Application	Dilution
IHC-P	3 - 5 µg/ml
WB	0.1 - 0.3 µg/ml

Application Note: IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Positive Control: Human cerebral cortex

Observed Size: ~ 80 kDa

Properties

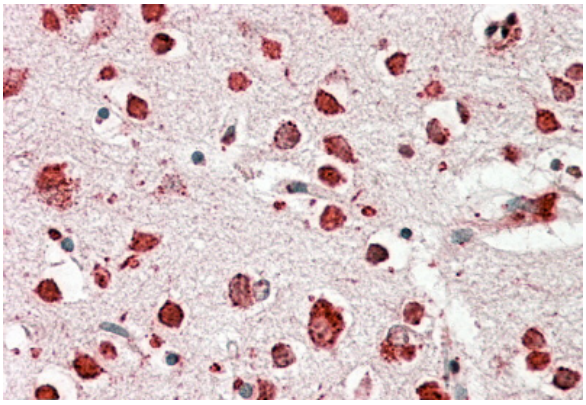
Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA

Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 950 Human Swiss-port # Q14108 Human
Gene Symbol	SCARB2
Gene Full Name	scavenger receptor class B member 2
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.[provided by RefSeq, Feb 2011]
Research Area	Cell Biology and Cellular Response antibody; Metabolism antibody; Signaling Transduction antibody
Calculated Mw	54 kDa

Images



ARG64911 anti-SCARB2 / LIMP2 antibody IHC image

Immunohistochemistry: Paraffin-embedded Human cerebral cortex tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64911 anti-SCARB2 / LIMP2 antibody at 3.8 µg/ml dilution, followed by AP-staining.

ARG64911 anti-SCARB2 / LIMP2 antibody WB image

Western blot: 35 µg of Human cerebral cortex lysate stained with ARG64911 anti-SCARB2 / LIMP2 antibody at 0.1 µg/ml dilution and incubated at RT for 1 hour.