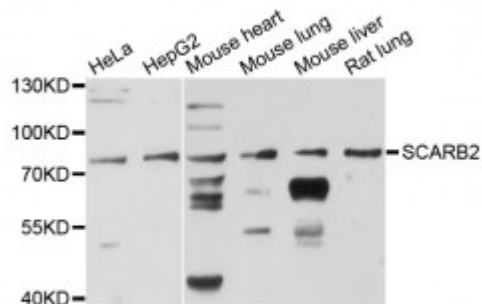


## Anti-SCARB2 Antibody



### Description

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.

<b>Model</b>	STJ114596
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Applications</b>	WB
<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 200-380 of human SCARB2 (NP_005497.1).
<b>Gene ID</b>	<a href="#">950</a>
<b>Gene Symbol</b>	<a href="#">SCARB2</a>
<b>Dilution range</b>	WB 1:1000 - 1:3000
<b>Purification</b>	Affinity purification

<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Lysosome membrane protein 2 85 kDa lysosomal membrane sialoglycoprotein LGP85 CD36 antigen-like 2 Lysosome membrane protein II LIMP II Scavenger receptor class B member 2 CD antigen CD36
<b>Molecular Weight</b>	54.29 kDa
<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Storage Instruction</b>	Store at -20C. Avoid freeze / thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:1665OMIM:254900Reactome:R-HSA-8856825</a>
<b>Alternative Names</b>	Lysosome membrane protein 2 85 kDa lysosomal membrane sialoglycoprotein LGP85 CD36 antigen-like 2 Lysosome membrane protein II LIMP II Scavenger receptor class B member 2 CD antigen CD36
<b>Function</b>	Acts as a lysosomal receptor for glucosylceramidase (GBA) targeting,
<b>Cellular Localization</b>	Lysosome membrane

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