

Product datasheet for **TA343163**

LIMPII (SCARB2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-SCARB2 antibody is: synthetic peptide directed towards the C-terminal region of Human SCARB2. Synthetic peptide located within the following region: KSMINTLLIITNIPYIIMALGVFFGLVFTWLACKGQGSMDDEGTADERAPL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	50 kDa
Gene Name:	scavenger receptor class B member 2
Database Link:	NP_005497 Entrez Gene 950 Human Q14108



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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).

Synonyms:

AMRF; CD36L2; EPM4; HLGP85; LGP85; LIMP-2; LIMP2; SR-BII

Note:

Immunogen Sequence Homology: Pig: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Guinea pig: 100%; Dog: 92%; Rat: 92%; Horse: 92%; Bovine: 92%

Protein Families:

Druggable Genome, Transmembrane

Protein Pathways:

Lysosome

Product images:

Host: Rabbit; Target Name: SCARB2; Sample Tissue: 721_B Whole Cell lysates; Antibody Dilution: 1.0 ug/ml