

Rabbit anti-Human, Mouse LIMP2 Polyclonal Antibody | anti-SCARB2 antibody

LIMP2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39514	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

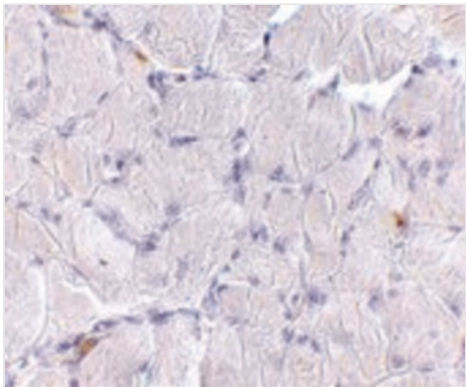
PRODUCT SYNONYMS

LIMP2; Polyclonal Antibody; LIMP2 Antibody; AMRF; EPM4; LGP85; CD36L2; HLG85; LIMP-2; LIMP2; SR-BII; Lysosome membrane protein 2; 85 kDa lysosomal membrane sialoglycoprotein; scavenger receptor class B; member 2; anti-SCARB2 antibody

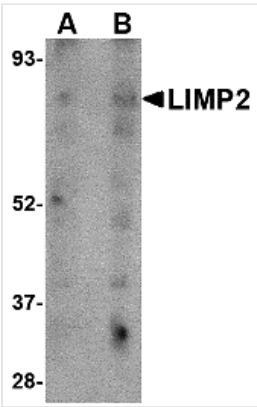
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	LIMP2 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	478
Applicable Applications for anti-SCARB2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	LIMP2 antibody was raised against a 18 amino acid synthetic peptide from near the carboxy terminus of human LIMP2.
Buffer	LIMP2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	LIMP2 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of LIMP2 in human skeletal muscle tissue with LIMP2 antibody at 10 µg/mL.



WB (Western Blot)
Western blot analysis of LIMP2 in human skeletal muscle tissue lysate with LIMP2 antibody at (A) 1 and (B) 2 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-SCARB2 antibody

LIMP2 Antibody: The lysosomal integral membrane protein 2 (LIMP2) is a heavily glycosylated type III transmembrane protein, the majority of which exists in the lumen of the lysosome and a cytoplasmic domain of approximately 20 amino acids. A deficiency of LIMP2 in mice causes uretic pelvic junction obstruction, deafness, and peripheral neuropathy associated with impaired vesicular trafficking and distribution of apically expressed proteins. More recently, LIMP2 was shown to act as a receptor to bind beta-glucocerebrosidase, the enzyme defective in Gaucher disease, a lysosomal storage disorder. LIMP2-deficient mice showed missorted as well as secreted beta-glucocerebrosidase, suggesting that LIMP2 also functions as the mannose-6-phosphate-independent trafficking receptor.

NCBI AND UNIPROT INFORMATION

NCBI GI #	18257312
NCBI GeneID	950
UniProt Accession #	Q14108; Q53Y63; B4DKD8; E7EM68
Molecular Weight	37,767 Da
NCBI Official Full Name	Scavenger receptor class B, member 2
NCBI Official Synonym Full Names	scavenger receptor class B, member 2
NCBI Official Symbol	SCARB2
NCBI Official Synonym Symbols	AMRF; EPM4; LGP85; CD36L2; HLGP85; LIMP-2; LIMPII; SR-BII
NCBI Protein Information	lysosome membrane protein 2; LIMP II; CD36 antigen-like 2; lysosome membrane protein II; 85 kDa lysosomal membrane sialoglycoprotein; 85 kDa lysosomal sialoglycoprotein scavenger receptor class B, member 2; CD36 antigen (collagen type I receptor, thrombospondin receptor)-like 2 (lysosomal integral membrane protein II)
UniProt Protein Name	Lysosome membrane protein 2
UniProt Gene Name	SCARB2
UniProt Synonym Gene Names	CD36L2; LIMP2; LIMPII; LGP85; LIMP II
UniProt Entry Name	SCR2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.