

Rabbit LAMP2 Polyclonal Antibody | anti-LAMP2 antibody

Anti-LAMP2 Antibody, Rabbit Polyclonal

CATALOG # AAA254746	HOST Rabbit	REACTIVITY Chinese hamster	APPLICATIONS Immunohistochemistry
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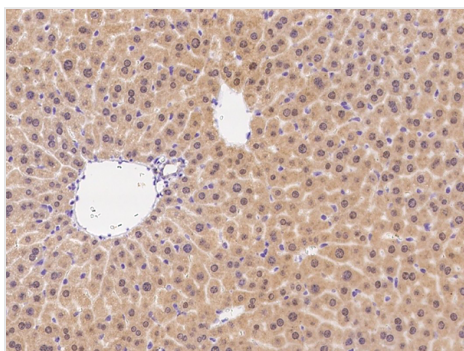
PRODUCT SYNONYMS

LAMP2; Polyclonal Antibody; Anti-LAMP2 Antibody; Rabbit Polyclonal; LAMP2 Antibody; Rabbit PAb; Antigen Affinity Purified; lysosomal-associated membrane protein 2; anti-LAMP2 antibody

PRODUCT SPECIFICATIONS

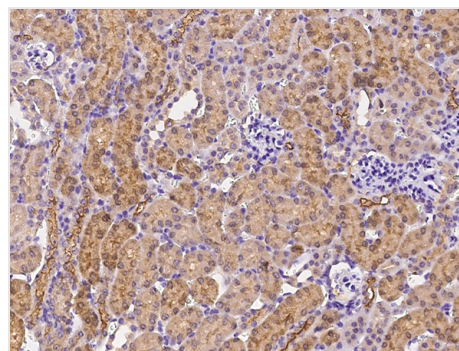
Host	Rabbit
Reactivity	Chinese hamster
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Chinese hamster LAMP2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-LAMP2 antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the center region of the Chinese hamster LAMP2
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Chinese hamster LAMP2, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of mouse LAMP2 in mouse liver with rabbit polyclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of mouse LAMP2 in mouse kidney with rabbit polyclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-LAMP2 antibody	LAMP2 (Lysosomal Associated Membrane Protein 2) is a Protein Coding gene. LAMP2, also known as CD107b (Cluster of Differentiation 107b), is a member of a family of membrane glycoproteins. This glycoprotein provides selectins with carbohydrate ligands. It may play a role in tumor cell metastasis. It may also function in the protection, maintenance, and adhesion of the lysosome. In humans, LAMP2, the causative gene of Danon disease, located on chromosome Xq24, encodes the lysosome-associated membrane protein-2 (LAMP-2). LAMP-2 deficiency, or Danon disease, is a rare X-linked lysosomal disease characterized by cardiomyopathy, vacuolar myopathy, and mental retardation. LAMP2 cardiomyopathy is an X-linked and highly progressive myocardial storage disorder associated with diminished survival, which clinically resembles sarcomeric hypertrophic cardiomyopathy.
References	Maron BJ, et al. (2010) Profound left ventricular remodeling associated with LAMP2 cardiomyopathy. Am J Cardiol. 106(8): 1194-6. Di Blasi C, et al. (2008) Danon disease: a novel LAMP2 mutation affecting the pre-mRNA splicing and causing aberrant transcripts and partial protein expression. Neuromuscul Disord. 18(12): 962-6. Echaniz-Laguna A, et al. (2006) Novel Lamp-2 gene mutation and successful treatment with heart transplantation in a large family with Danon disease. Muscle Nerve. 33(3): 393-7.

NCBI AND UNIPROT INFORMATION

NCBI GI #	350537657
NCBI GeneID	100689316
NCBI Accession #	NP_001233678.1
NCBI GenBank Nucleotide #	NM_001246749.1
UniProt Accession #	P49130
Molecular Weight	45,028 Da
NCBI Official Full Name	lysosome-associated membrane glycoprotein 2
NCBI Official Symbol	Lgpb
NCBI Official Synonym Symbols	LAMP2; LGP-B; LAMP-2
NCBI Protein Information	lysosome-associated membrane glycoprotein 2; CD107 antigen-like family member B; Lysosome-associated membrane protein 2
UniProt Protein Name	Lysosome-associated membrane glycoprotein 2
UniProt Gene Name	LAMP2
UniProt Synonym Gene Names	LGPB; LAMP-2; Lysosome-associated membrane protein 2; LGP-B
UniProt Entry Name	LAMP2_CRIGR

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/lamp2-antibody-immunohistochemistry-elisa/254746>