

Rabbit LAMP1 Polyclonal Antibody | anti-LAMP1 antibody

LAMP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326782	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

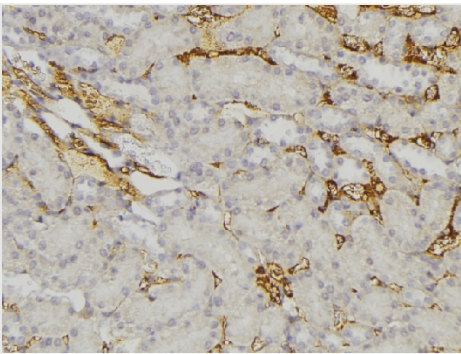
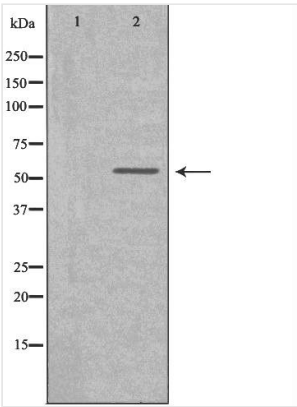
PRODUCT SYNONYMS

LAMP1; Polyclonal Antibody; LAMP1 Antibody; CD107 antigen like family member A; CD107 antigen-like family member A; CD107a; CD107a antigen; LAMP 1; LAMP-1; LAMP1_HUMAN; LAMPA; LGP120; IgpA; Lysosomal membrane glycoprotein 120KD; Lysosomal Associated Membrane Protein 1; Lysosome associated membrane glycoprotein 1; Lysosome-associated membrane glycoprotein 1; Lysosome-associated membrane protein 1; OTTHUMP00000040663; anti-LAMP1 antibody

PRODUCT SPECIFICATIONS

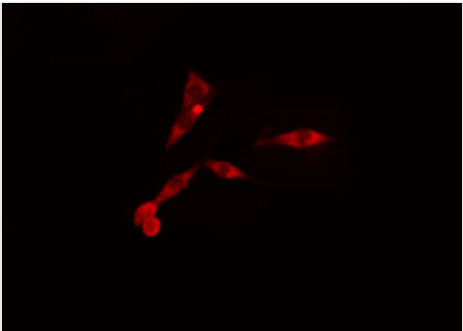
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	LAMP1 antibody detects endogenous levels of total LAMP1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	417
Applicable Applications for anti-LAMP1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human LAMP1
Subcellular Location	Cell Membrane. Endosome Membrane. Lysosome Membrane. This protein shuttles between lysosomes, endosomes, and the plasma membrane.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA326782 at 1/100 staining human kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

WB (Western Blot)
Western blot analysis of Hela cell lysate, using LAMP1 Antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)
AAA326782 staining Hela cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-LAMP1 antibody	Description: The protein encoded by this gene is a member of a family of membrane glycoproteins. This glycoprotein provides selectins with carbohydrate ligands. It may also play a role in tumor cell metastasis. [provided by RefSeq, Jul 2008] Function: Presents carbohydrate ligands to selectins. Also implicated in tumor cell metastasis. Subunit Structure: (Microbial infection) Interacts with Lassa virus protein glycoprotein. Post-translational Modifications: O- and N-glycosylated; some of the 18 N-linked glycans are polylactosaminoglycans. The glycosylation of N-76 is essential for Lassa virus entry into cells. Similarity: Belongs to the LAMP family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	112380628
NCBI GeneID	3916
NCBI Accession #	NP_005552.3
NCBI GenBank Nucleotide #	NM_005561.3
UniProt Accession #	P11279; Q8WU33; Q96I40; Q9BRD2; Q9NP13; B4DWL3
Molecular Weight	Observed: 45 kDa Predicted: 45 kDa

NCBI Official Full Name	lysosome-associated membrane glycoprotein 1
NCBI Official Synonym Full Names	lysosomal associated membrane protein 1
NCBI Official Symbol	LAMP1
NCBI Official Synonym Symbols	LAMPA; CD107a; LGP120
NCBI Protein Information	lysosome-associated membrane glycoprotein 1
UniProt Protein Name	Lysosome-associated membrane glycoprotein 1
UniProt Gene Name	LAMP1
UniProt Synonym Gene Names	LAMP-1; Lysosome-associated membrane protein 1

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://stage.aaabiotech.com/polyclonal/lamp1-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/326782>