

Rabbit anti-Human LAMP1 Polyclonal Antibody | anti-LAMP1 antibody

LAMP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325426	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, 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

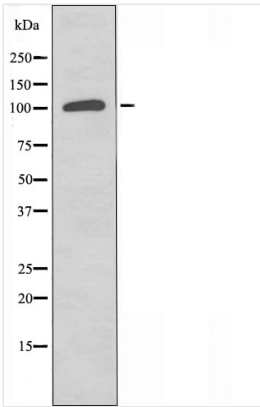
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	LAMP1 antibody detects endogenous levels of total LAMP1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM 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), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane. Endosome Membrane. Lysosome Membrane. This protein shuttles between lysosomes, endosomes, and the plasma membrane.
Predicted Cross Reactivity	Rabbit, Dog
Similarity	Rabbit (82%), Dog (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA325426 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.



WB (Western Blot)

Western blot analysis of extracts from K562 using LAMP1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-LAMP1 antibody

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.

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: 125 kD 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.