

Rabbit LAMP1 Polyclonal Antibody | anti-LAMP1 antibody

Anti-LAMP1 antibody

CATALOG # AAA45380	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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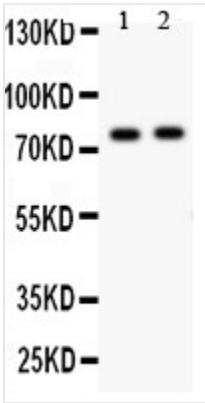
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	417
Applicable Applications for anti-LAMP1 antibody	WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human LAMP1 (403-417aa YLVGRKRSHAGYQTI), different from the related mouse and rat sequences by one amino acid.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)
Anti- LAMP1antibody, AAA45380, Western blottingAll lanes: Anti LAMP1 (AAA45380) at 0.5ug/mlLane 1: Rat Testis Tissue Lysate at 50ugLane 2: A549 Whole Cell Lysate at 40ugPredicted bind size: 45KDObserved bind size: 80KD

ADDITIONAL INFORMATION

Related Product Information for anti-LAMP1 antibody	Description: Rabbit IgG polyclonal antibody for Lysosome-associated membrane glycoprotein 1(LAMP1) detection. Tested with WB in Human, Mouse, Rat. Background: LAMP1(lysosomal-associated membrane protein 1) also called LAMPA, LGP120 or CD107A, 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. CD107a has also been shown to be a marker of degranulation on lymphocytes such as CD8+ and NK cells. By means of in situ hybridization, Mattei et al.(1990) assigned the LAMP1 gene to chromosome 13q34. A related gene, which may be a pseudogene, mapped to chromosome 12p13.3. Hybridization of LAMP1 cDNA to chromosome 12p13.3 was observed even when probes representing different portions of the LAMP1 cDNA were used.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	206729915
NCBI GeneID	3916
UniProt Accession #	P11279; Q8WU33; Q96I40; Q9BRD2; Q9NP13; B4DWL3
Molecular Weight	38,986 Da
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; LAMP-1; CD107 antigen-like family member A; lysosome-associated membrane protein 1
UniProt Protein Name	Lysosome-associated membrane glycoprotein 1
UniProt Gene Name	LAMP1
UniProt Synonym Gene Names	LAMP-1; Lysosome-associated membrane protein 1
UniProt Entry Name	LAMP1_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.

