

Basic Information

Product Name	Anti-LAMP1 Antibody
Gene Name	LAMP1
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	human, mouse
Tested Application	WB
Contents	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg/ml BSA and 50% glycerol.
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human LAMP1, different from the related mouse and rat sequences by one amino acid.
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	90-120 kDa
Dilution Ratios	Western blot (WB):1:500-2000

Storage

12 months from date of receipt, -20°C as supplied.

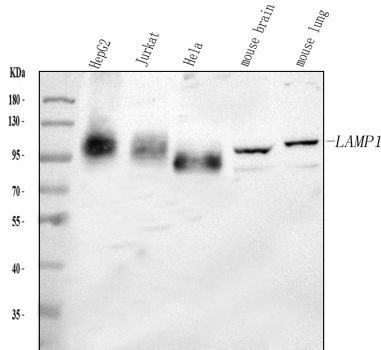
Background Information

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.

Reference

Anti-LAMP1 Antibody被引用在4文献中。

Selected Validation Data



Western blot analysis of anti-LAMP1 antibody (BA2787-2). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human HepG2 whole cell lysates,

Lane 2: human Jurkat whole cell lysates,

Lane 3: human HeLa whole cell lysates,

Lane 4: mouse brain tissue lysates,

Lane 5: mouse lung tissue lysates.

After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-LAMP1 antigen affinity purified polyclonal antibody (BA2787-2) and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for LAMP1 at approximately 90-120 kDa (Glycosylation). The expected band size for LAMP1 is at 42 kDa.