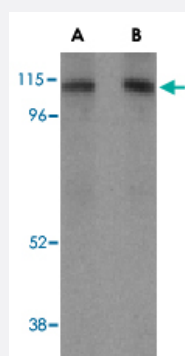


LAMP2 polyclonal antibody

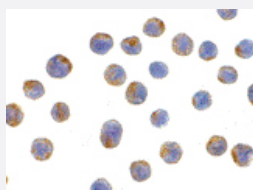
Catalog # PAB12956 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of LAMP2 in HepG2 cell lysate with LAMP2 polyclonal antibody (Cat # PAB12956) at (A) 1 and (B) 2 ug/mL .



Immunocytochemistry

Immunocytochemistry of LAMP2 in HepG2 cells with LAMP2 polyclonal antibody (Cat # PAB12956) at 10 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of LAMP2.
Immunogen	A synthetic peptide corresponding to the internal regio 17 amino acids of human LAMP2.
Host	Rabbit
Reactivity	Human, Mouse
Specificity	LAMP-2 antibody is human and mouse reactive. Despite its predicted size, LAMP-2 migrates at 115 KDa in SDS-PAGE.
Form	Liquid

Recommend Usage	Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of LAMP2 in HepG2 cell lysate with LAMP2 polyclonal antibody (Cat # PAB12956) at (A) 1 and (B) 2 ug/mL .

- Immunocytochemistry

Immunocytochemistry of LAMP2 in HepG2 cells with LAMP2 polyclonal antibody (Cat # PAB12956) at 10 ug/mL .

Gene Info — LAMP2

Entrez GeneID	3920
Protein Accession#	NP_054701
Gene Name	LAMP2
Gene Alias	CD107b, LAMPB, LGP110
Gene Description	lysosomal-associated membrane protein 2
Omim ID	300257 309060
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of a family of membrane glycoproteins. This glyco protein 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. Alternative splicing of this gene results in multiple transcript variants encoding distinct proteins. [provided by RefSeq]
Other Designations	OTTHUMP00000023943 OTTHUMP00000023944 lysosome-associated membrane protein 2

Publication Reference

- [High Prevalence of Autoantibodies to hLAMP-2 in Anti-Neutrophil Cytoplasmic Antibody-Associated Vasculitis.](#)

Kain R, Tadema H, McKinney EF, Benharkou A, Brandes R, Peschel A, Hubert V, Feenstra T, Sengolge G, Stegeman C, Heeringa P, Lyons PA, Smith KG, Kallenberg C, Rees AJ.

Journal of the American Society of Nephrology 2012 Mar; 23(3):556.

Application: IF, Hamster, IdID cells

- [Autophagy as a cell death and tumor suppressor mechanism.](#)

Gozuacik D, Kimchi A.

Oncogene 2004 Apr; 23(16):2891.

- [Tor-mediated induction of autophagy via an Apg1 protein kinase complex.](#)

Kamada Y, Funakoshi T, Shintani T, Nagano K, Ohsumi M, Ohsumi Y.

Journal of Cellular Biology 2000 Sep; 150(6):1507.

- [Characterization and cloning of Igpn110, a lysosomal membrane glycoprotein from mouse and rat cells.](#)

Granger BL, Green SA, Gabel CA, Howe CL, Mellman I, Helenius A.

The Journal of Biological Chemistry 1990 Jul; 265(20):12036.

Application: IF, Mouse, NIH/3T3 cells

Pathway

- [Lysosome](#)

Disease

- [Cardiomegaly](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)

- [Genetic Predisposition to Disease](#)