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LAMP1 Rabbit pAb

Catalog No.: A2582

23 Publications

Basic Information

Observed MW
90-120 kDa

Calculated MW
45 kDa

Category
Polyclonal Antibodies

Applications
WB, IF/ICC, IF-F, IHC-P, ELISA

Cross Reactivity
Human, Mouse, Rat

Background

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.

Recommended Dilutions

WB	1:500 - 1:5000
IF/ICC	1:200 - 1:800
IF-F	1:200 - 1:800

IHC-P
1:100 - 1:400(Mouse); 1:600 - 1:2400(Rat)

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
3916

Swiss-Prot
P11279

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
LAMPA; CD107a; LGP120; LAMP1

Contact

400-999-6126
cn.market@abclonal.com.cn
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Product Information

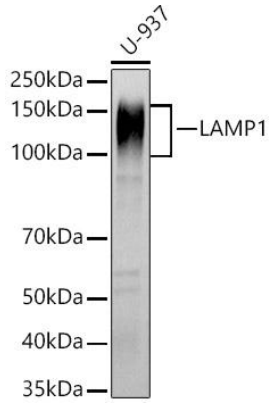
Source
Rabbit

Isotype
IgG

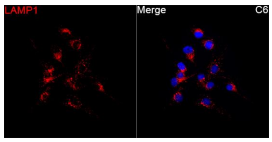
Purity
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

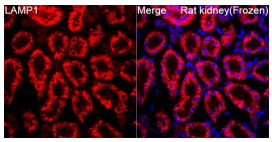
Validation Data



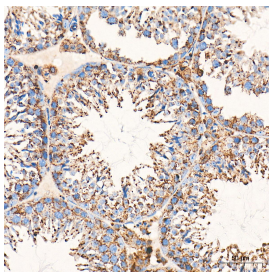
Western blot analysis of lysates from U-937 cells, using LAMP1 Rabbit pAb (A2582) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.



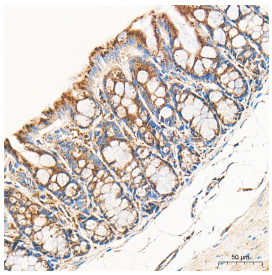
Immunofluorescence analysis of C6 cells using LAMP1 Rabbit pAb (A2582) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



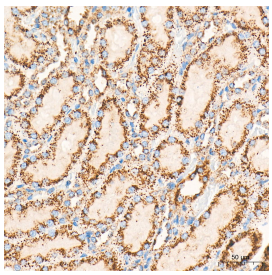
Immunofluorescence analysis of frozen sections of Rat kidney tissue using LAMP1 Rabbit pAb (A2582) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. Microwave antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining.



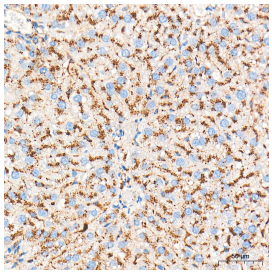
Immunohistochemistry analysis of paraffin-embedded Mouse testis tissue using LAMP1 Rabbit pAb (A2582) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



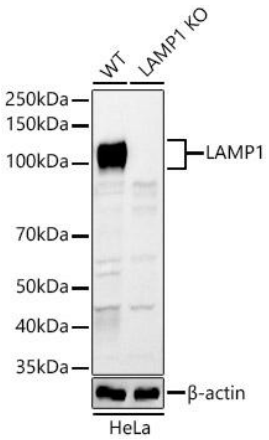
Immunohistochemistry analysis of paraffin-embedded Mouse colon tissue using LAMP1 Rabbit pAb (A2582) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat kidney tissue using LAMP1 Rabbit pAb (A2582) at a dilution of 1:1200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat liver tissue using LAMP1 Rabbit pAb (A2582) at a dilution of 1:1200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Western blot analysis of lysates from wild type(WT) and LAMP1 knockout (KO) HeLa cells, using LAMP1 Rabbit pAb (A2582) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.