A1961

Leader in Biomolecular Solutions for Life Science

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# LAMP2 Rabbit pAb

**Catalog No.: A1961** 3 Publications

## Basic Information

**Observed MW**
100-130kDa

**Calculated MW**
45kDa

**Category**
Polyclonal Antibody

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

**Cross-Reactivity**
Human,Mouse

## 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 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.

## Recommended Dilutions

| | |
|---|---|
| **WB** | 1:1000 - 1:5000 |
| **IHC-P** | 1:100 - 1:500 |
| **IF/ICC** | 1:100 - 1:500 |
| **ELISA** | Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements. |

## Contact

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## Immunogen Information

**Gene ID**
3920

**Swiss Prot**
P13473

**Immunogen**
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

**Synonyms**
DND; LAMPB; CD107b; LAMP-2; LGP-96; LGP110; LAMP2

## Product Information

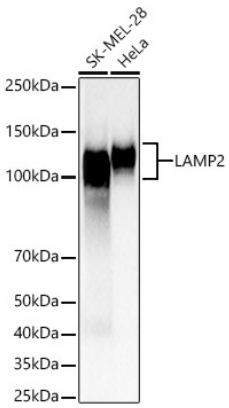
**Source**
Rabbit

**Isotype**
IgG

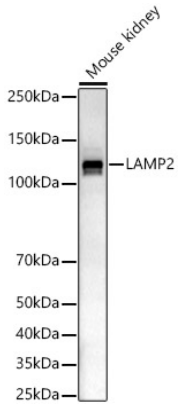
**Purification**
Affinity purification

**Storage**
Store at -20℃

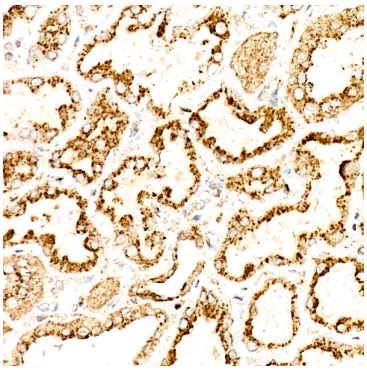
## Validation Data



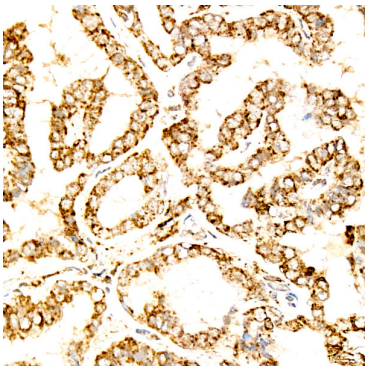

Western blot analysis of various lysates, using LAMP2 Rabbit pAb (A1961) at 1:2000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 3s.



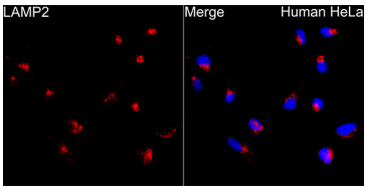

Western blot analysis of lysates from Mouse kidney, using LAMP2 Rabbit pAb (A1961) at 1:2000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Human kidney using LAMP2 Rabbit pAb (A1961) at dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer using LAMP2 Rabbit pAb (A1961) at dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.




Immunofluorescence analysis of HeLa cells using LAMP2 Rabbit pAb (A1961) at dilution of 1:300 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.