

LAMP2 Antibody

CAB1961

Description

This LAMP2 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB1961

Contents: 20 μ L, 100 μ L
Bradford Reagent: 1 vial (2ml)

Category: Polyclonal Antibody

Synonyms: DND, LAMPB, CD107b, LAMP-2, LGP-96, LGP110, LAMP2

Clone: -

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

Conjugation: Unconjugated

Reactivity: Human, Mouse

Antibody Data

Gene ID: 3920

Uniprot: AB_2763987

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 100-130kDa

Calculated MW: 45kDa

Preparation & Storage

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), pH7.3.

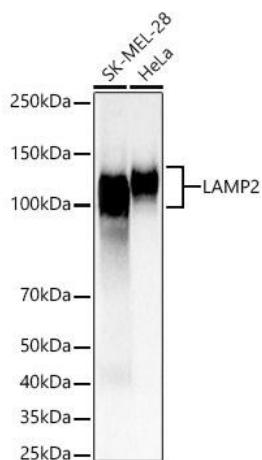
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: SK-MEL-28, HeLa, Mouse kidney

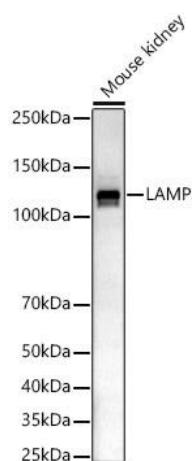
Recommended Dilutions:	<table border="1"> <tr> <td>WB</td><td>1:1000 - 1:5000</td></tr> <tr> <td>IHC-P</td><td>1:100 - 1:500</td></tr> <tr> <td>IF/ICC</td><td>1:100 - 1:500</td></tr> <tr> <td>ELISA</td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table>	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.
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Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

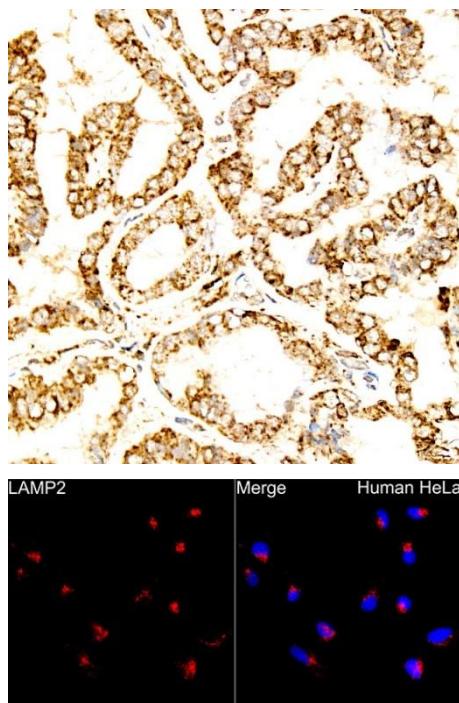
Validation Data



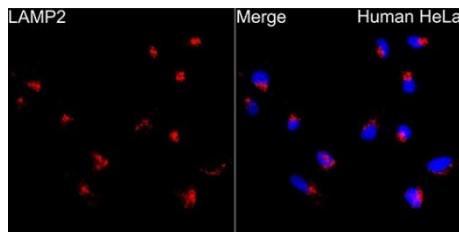
Western blot analysis of various lysates, using LAMP2 Rabbit pAb (CAB1961) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 3s.



Western blot analysis of lysates from Mouse kidney, using LAMP2 Rabbit pAb (CAB1961) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer using LAMP2 Rabbit pAb (CAB1961) 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 (CAB1961) at dilution of 1:300 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.