

## Anti-LAMP2 antibody (29-410) (STJ24369)

STJ24369

### GENERAL INFORMATION

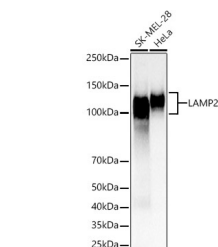
|                          |                       |
|--------------------------|-----------------------|
| <b>Product Type</b>      | Primary antibodies    |
| <b>Short Description</b> |                       |
| <b>Applications</b>      | WB/IHC-P/IF/ICC/ELISA |
| <b>Host/Source</b>       | Rabbit                |
| <b>Reactivity</b>        | Human/Mouse           |

### PRODUCT PROPERTIES

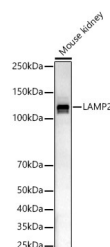
|                      |                                                                                                                                                                                   |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>     | Polyclonal                                                                                                                                                                        |
| <b>Clone ID</b>      |                                                                                                                                                                                   |
| <b>Concentration</b> | Lot specific                                                                                                                                                                      |
| <b>Conjugation</b>   | Unconjugated                                                                                                                                                                      |
| <b>Purification</b>  | Affinity purification                                                                                                                                                             |
| <b>Dilution</b>      | WB:1:1000-1:5000                                                                                                                                                                  |
| <b>Range</b>         | IHC-P:1:100-1:500<br>IF/ICC:1:100-1:500<br>ELISA:Recommended starting concentration is 1 $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>Formulation</b>   | PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.                                                                                                                                |
| <b>Isotype</b>       | IgG                                                                                                                                                                               |
| <b>Storage</b>       | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                                                    |
| <b>Instruction</b>   |                                                                                                                                                                                   |

### TARGET INFORMATION

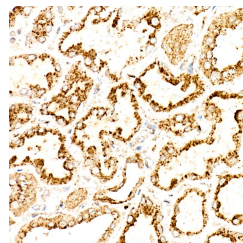
|                           |                                                                                                                                                                                                                                                                |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 3920                                                                                                                                                                                                                                                           |
| <b>Gene Symbol</b>        | LAMP2                                                                                                                                                                                                                                                          |
| <b>Uniprot ID</b>         | LAMP2_HUMAN                                                                                                                                                                                                                                                    |
| <b>Immunogen</b>          |                                                                                                                                                                                                                                                                |
| <b>Region</b>             | 29-410                                                                                                                                                                                                                                                         |
| <b>Specificity</b>        | Recombinant fusion protein containing a sequence corresponding to amino acids 29-375 of human LAMP2 (NP_002285.1).                                                                                                                                             |
| <b>Immunogen Sequence</b> | LELNLTDSENATCLYAKWQM NFTVRYETTNTKYKTVTISD HGTVTYNGSICGDDQNGPKI AVQFGPGFSWIANFTKAAST<br>LSDSVSFSYNTGDNTTFPD AEDKGILTVDELLAIRPLN DLFRCNSLSTLEKNDVVQHY WDVLVQAFVQNGTVSTNEFL<br>CDKDKTSTVAPTIHTTVSP TTTPTPKKEKPEAGTYSVNNG NDTCLLATMGLQLNITQDKV ASVININPNTTHTSGSCRS |



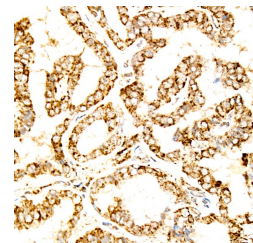
Western blot analysis of various lysates, using LAMP2 antibody (STJ24369) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25  $\mu$ g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.



Western blot analysis of mouse kidney, using LAMP2 antibody (STJ24369) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25  $\mu$ g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded human kidney using LAMP2 rabbit polyclonal antibody (STJ24369) at dilution of 1:300 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human thyroid cancer using LAMP2 rabbit polyclonal antibody (STJ24369) at dilution of 1:300 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.

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