

## CELA2A Antibody

**CAB17200**

### Description

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This CELA2A 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

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**SKU:** CAB17200  
**Contents:** 20  $\mu$ L, 100  $\mu$ L  
Bradford Reagent: 1 vial (2ml)  
**Category:** Polyclonal Antibody  
**Synonyms:** PE-1, AOMS4, ELA2A, CELA2A  
**Clone:** -  
**Applications:** **WB** **ELISA** **IF-P**  
**Conjugation:** -  
**Reactivity:** Mouse, Rat

### Antibody Data

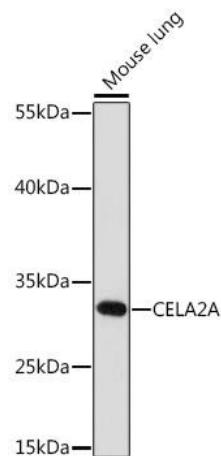
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**Gene ID:** 63036  
**Uniprot:** AB\_2768846  
**Host Species:** Rabbit  
**Purification:** Affinity purification  
**Observed MW:** 29kDa  
**Calculated MW:** 29kDa

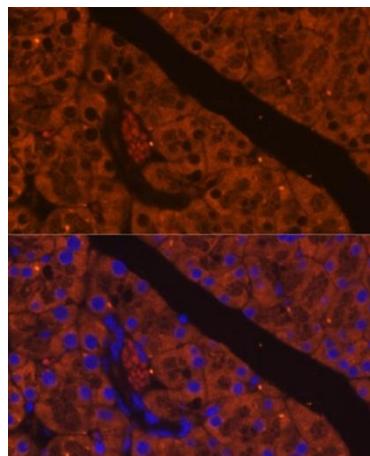
## Preparation & Storage

|   |   |           |                |             |              |              |   |
|---|---|-----------|----------------|-------------|--------------|--------------|---|
| <b>Storage:</b>                           | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.   |           |                |             |              |              |   |
|   | Store Bradford Reagent at Room Temperature for 1 Year.  |           |                |             |              |              |   |
| <b>Positive Sample:</b>                   | Mouse lung  |           |                |             |              |              |   |
| <b>Recommended Dilutions:</b>             | <table border="1"> <tr> <td><b>WB</b></td><td>1:500 - 1:2000</td></tr> <tr> <td><b>IF-P</b></td><td>1:50 - 1:200</td></tr> <tr> <td><b>ELISA</b></td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table> | <b>WB</b> | 1:500 - 1:2000 | <b>IF-P</b> | 1:50 - 1:200 | <b>ELISA</b> | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>WB</b>                                 | 1:500 - 1:2000  |           |                |             |              |              |   |
| <b>IF-P</b>                               | 1:50 - 1:200  |           |                |             |              |              |   |
| <b>ELISA</b>                              | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.   |           |                |             |              |              |   |
| <b>Protein Quantification (Optional):</b> | To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <a href="https://www.assaygenie.com/bradford-protein-assay-protocol/">https://www.assaygenie.com/bradford-protein-assay-protocol/</a> to view the full protocol  |           |                |             |              |              |   |

## Validation Data



Western blot analysis of lysates from Mouse lung, using CELA2A Rabbit pAb (CAB17200) at 1:1000 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: 90s.



Immunofluorescence analysis of paraffin-embedded mouse pancreas using CELA2A Rabbit pAb (CAB17200) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

