

CELA2A Rabbit pAb

Catalog No.: A17200

Basic Information

Observed MW

29kDa

Calculated MW

29kDa

Category

Primary antibody

Applications

WB,IF-P,ELISA

Cross-Reactivity

Mouse, Rat

Background

Elastases form a subfamily of serine proteases that hydrolyze many proteins in addition to elastin. Humans have six elastase genes which encode the structurally similar proteins elastase 1, 2, 2A, 2B, 3A, and 3B. Like most of the human elastases, elastase 2A is secreted from the pancreas as a zymogen. In other species, elastase 2A has been shown to preferentially cleave proteins after leucine, methionine, and phenylalanine residues.

Recommended Dilutions

WB 1:500 - 1:2000

IF-P 1:50 - 1:200

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

Immunogen Information

Gene ID

63036

Swiss Prot

P08217

Immunogen

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

Synonyms

PE-1; AOMS4; ELA2A; CELA2A

Contact

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Product Information

Source

Rabbit

Isotype

IgG

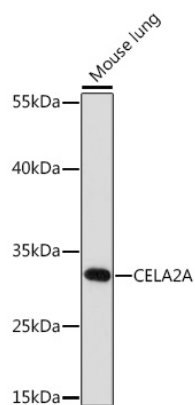
Purification

Affinity purification

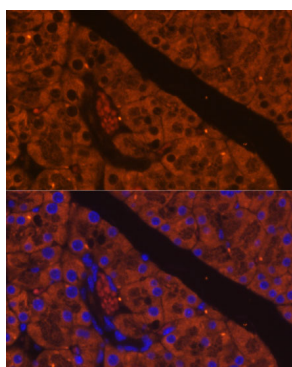
Storage

Store at -20°C

Validation Data



Western blot analysis of lysates from Mouse lung, using CELA2A Rabbit pAb (A17200) 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: 90s.



Immunofluorescence analysis of paraffin-embedded mouse pancreas using CELA2A Rabbit pAb (A17200) at dilution of 1:100.
Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.