

# CELA3B Rabbit Polyclonal Antibody



CAB13714

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## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

29kDa

### Calculated MW:

29kDa

### Applications:

WB

### Reactivity:

Mouse, Rat

## Protein 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. Unlike other elastases, elastase 3B has little elastolytic activity. Like most of the human elastases, elastase 3B is secreted from the pancreas as a zymogen and, like other serine proteases such as trypsin, chymotrypsin and kallikrein, it has a digestive function in the intestine. Elastase 3B preferentially cleaves proteins after alanine residues. Elastase 3B may also function in the intestinal transport and metabolism of cholesterol. Both elastase 3A and elastase 3B have been referred to as protease E and as elastase 1, and excretion of this protein in fecal material is frequently used as a measure of pancreatic function in clinical assays.

## Immunogen information

### Gene ID:

23436

### Uniprot

P08861

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Synonyms:

CELA3B; CBPP; ELA3B

### Immunogen:

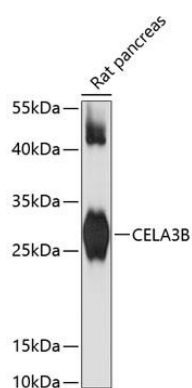
Recombinant fusion protein containing a sequence corresponding to amino acids 80-190 of human CELA3B (NP\_031378.1).

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of rat pancreas, using CELA3B antibody (CAB13714) at 1:3000 dilution.