

# CA5B Rabbit Polyclonal Antibody



CAB17633

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

34kDa/36kDa

### Calculated MW:

36kDa

### Applications:

WB IF

### Reactivity:

Human, Mouse, Rat

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein Background

Carbonic anhydrases (CAs) are a large family of zinc metalloenzymes that catalyze the reversible hydration of carbon dioxide. They participate in a variety of biological processes, including respiration, calcification, acid-base balance, bone resorption, and the formation of aqueous humor, cerebrospinal fluid, saliva, and gastric acid. They show extensive diversity in tissue distribution and in their subcellular localization. CA VB is localized in the mitochondria and shows the highest sequence similarity to the other mitochondrial CA, CA VA. It has a wider tissue distribution than CA VA, which is restricted to the liver. The differences in tissue distribution suggest that the two mitochondrial carbonic anhydrases evolved to assume different physiologic roles. [provided by RefSeq, Jul 2008]

## Immunogen information

### Gene ID:

11238

### Uniprot

Q9Y2D0

### Synonyms:

CA5B; CA-VB

### Immunogen:

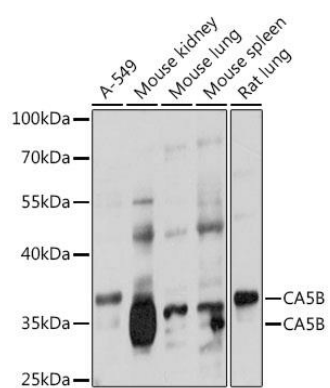
Recombinant fusion protein containing a sequence corresponding to amino acids 1-317 of human CA5B (NP\_009151.1).

### 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 - CA5B Polyclonal Antibody (CAB17633)