

## PCCB

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

**Calculated MW:**58kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human PCCB

**Storage Buffer:**

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

**Catalog #:**A5415

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**5096

**Isotype:**IgG

**Swiss Prot:**P05166

**Purity:**Affinity purification

For research use only.

**Background:**

The protein encoded by this gene is a subunit of the propionyl-CoA carboxylase (PCC) enzyme, which is involved in the catabolism of propionyl-CoA. PCC is a mitochondrial enzyme that probably acts as a dodecamer of six alpha subunits and six beta subunits. This gene encodes the beta subunit of PCC. Defects in this gene are a cause of propionic acidemia type II (PA-2). Multiple transcript variants encoding different isoforms have been found for this gene.

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