

## PCCA

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**Reactivity:**Human Mouse

**Tested applications:**WB IHC IP

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:20 - 1:200 IP 1:20 - 1:50

**Calculated MW:**80kDa

**Observed MW:**Refer to figures

**Immunogen:**

A synthetic Peptide of human PCCA

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Catalog #:**A9486

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**5095

**Isotype:**IgG

**Swiss Prot:**P05165

**Purity:**Affinity purification

For research use only.

**Background:**

The protein encoded by this gene is the alpha subunit of the heterodimeric mitochondrial enzyme Propionyl-CoA carboxylase. PCCA encodes the biotin-binding region of this enzyme. Mutations in either PCCA or PCCB (encoding the beta subunit) lead to an enzyme deficiency resulting in propionic acidemia. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, May 2010]

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