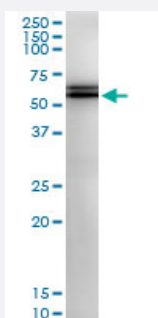


# PCCB (Human) IP-WB Antibody Pair

Catalog # H00005096-PW1

Size 1 Set

## Applications



Immunoprecipitation of PCCB transfected lysate using rabbit polyclonal anti-PCCB and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-PCCB.

## Specification

<b>Product Description</b>	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (92%); Rat (92%)
<b>Quality Control Testing</b>	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of PCCB transfected lysate using rabbit polyclonal anti-PCCB and Protein A Magnetic Bead ( <a href="#">U0007</a> ), and immunoblotted with mouse purified polyclonal anti-PCCB.
<b>Supplied Product</b>	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-PCCB (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-PCCB (50 ug)
<b>Storage Instruction</b>	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

## Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

## Gene Info — PCCB

**Entrez GeneID** [5096](#)

**Gene Name** PCCB

**Gene Alias** DKFZp451E113

**Gene Description** propionyl Coenzyme A carboxylase, beta polypeptide

**Omim ID** [232050 606054](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** 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). [provided by RefSeq]

**Other Designations** PCCase subunit beta|propanoyl-CoA:carbon dioxide ligase subunit beta

## Pathway

- [Metabolic pathways](#)
- [Propanoate metabolism](#)
- [Valine](#)

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)