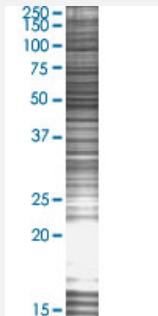


PCCB 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005096-T02

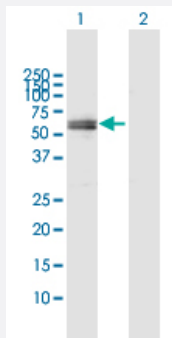
Size 100 uL

Applications



SDS-PAGE Gel

PCCB transfected lysate.



Western Blot

Lane 1: PCCB transfected lysate (58.2 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PCCB full-length
Host	Human
Theoretical MW (kDa)	58.2
Interspecies Antigen Sequence	Mouse (93); Rat (93)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PCCB antibody ([H00005096-D01](#)) by Western Blots.
SDS-PAGE Gel
PCCB transfected lysate.
Western Blot
Lane 1: PCCB transfected lysate (58.2 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — PCCB

Entrez GeneID

[5096](#)

GeneBank Accession#

[BC013768.1](#)

Protein Accession#

[NP_000523.2](#)

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](#)