

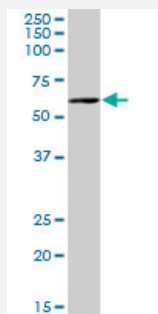
MaxPab®

PCCB purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005096-B01P

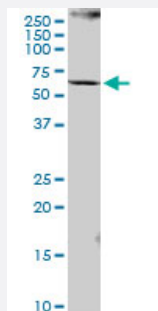
Size 50 ug

Applications



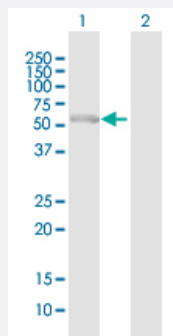
Western Blot (Tissue lysate)

PCCB MaxPab polyclonal antibody. Western Blot analysis of PCCB expression in human liver.



Western Blot (Cell lysate)

PCCB MaxPab polyclonal antibody. Western Blot analysis of PCCB expression in HeLa.



Western Blot (Transfected lysate)

Western Blot analysis of PCCB expression in transfected 293T cell line ([H00005096-T01](#)) by PCCB MaxPab polyclonal antibody.

Lane 1: PCCB transfected lysate(59.29 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PCCB protein.

Immunogen	PCCB (NP_000523.2, 1 a.a. ~ 539 a.a) full-length human protein.
Sequence	MAAALRVAAVGARLSV LASGLRAAVRSLCSQATSVNERIENKRRTALLGGGQRRIDAQHKRGKLT ARERISLLLDPGSFVESDMFVEHRCADFGMAADKNKFPGDSVVTGRGRINGRLVYVFSQDFTVF GGSLSGAHAQKICKIMDQAITVGAPVIGLNDSSGGARIQEGVESLAGYADIFLRNVTASGVIPQISLIM GPCAGGAVYSPALTDFTFMVKDTSYLFITGPDVVKSVTNEDVTQEELGGAKTHTTMSGVAHRAFE NDVDALCNLRDFFNYLPLSSQDPAPVRECHDPSDRLVPELDTVPLESTKAYNMVDIIHSVVDERE FFEIMPNYAKNIIVGFARMNGRTVGIVGNQPKVASGCLDINSSVKGARFVRFCDAFNIPLITFVDVPG FLPGTAQEYGGIIRHGAKLLYAF AEATVPKVTVITRKAYGGAYDVMSSKHL CGDTNYAWPTAEIAVM GAKGAVEIIFKGHENVEAAQAEYIEKFANFPFAAVRGFVDDIIQPSSTRARICCDLDVLASKKVQRP WRKHANIPL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (93)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

PCCB MaxPab polyclonal antibody. Western Blot analysis of PCCB expression in human liver.

[Protocol Download](#)

- Western Blot (Cell lysate)

PCCB MaxPab polyclonal antibody. Western Blot analysis of PCCB expression in HeLa.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PCCB expression in transfected 293T cell line ([H00005096-T01](#)) by PCCB MaxPab polyclonal antibody.

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

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](#)