

Product datasheet for **TA335153**

PCCB Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-PCCB antibody: synthetic peptide directed towards the middle region of human PCCB. Synthetic peptide located within the following region: PGFLPGTAQEYGGIIRHGAKLLYAFAEATVPKVTVITRKAYGGAYDVMSS
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	58 kDa
Gene Name:	propionyl-CoA carboxylase beta subunit
Database Link:	NP_000523 Entrez Gene 5096 Human P05166
Background:	PCCB 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. Defects in this gene are a cause of propionic acidemia type II (PA-2).
Synonyms:	DKFZp451E113



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Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Sheep: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%; Guinea pig: 100%

Protein Families: Druggable Genome

Protein Pathways: Metabolic pathways, Propanoate metabolism, Valine, leucine and isoleucine degradation

Product images:



WB Suggested Anti-PCCB Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control: Human brain