

Rabbit anti-Human, Mouse PCCB Polyclonal Antibody | anti-PCCB antibody

PCCB Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279795	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PCCB; Polyclonal Antibody; PCCB Polyclonal Antibody; anti-PCCB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	539
Applicable Applications for anti-PCCB antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human PCCB
Calculated Molecular Weight	58kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using PCCB antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PCCB antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 20s.

ADDITIONAL INFORMATION

Related Product Information for anti-PCCB antibody

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). Multiple transcript variants encoding different isoforms have been found for this gene.

Product Categories/Family for anti-PCCB antibody

Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	124106304
NCBI GeneID	5096
UniProt Accession #	P05166; Q16813; Q96CX0; B7Z2Z4
Molecular Weight	539
NCBI Official Full Name	Propionyl-CoA carboxylase beta chain, mitochondrial
NCBI Official Synonym Full Names	propionyl CoA carboxylase, beta polypeptide
NCBI Official Symbol	PCCB
NCBI Protein Information	propionyl-CoA carboxylase beta chain, mitochondrial; PCCase subunit beta; propanoyl-CoA:carbon dioxide ligase subunit beta; propionyl Coenzyme A carboxylase, beta polypeptide
UniProt Protein Name	Propionyl-CoA carboxylase beta chain, mitochondrial
UniProt Gene Name	PCCB
UniProt Synonym Gene Names	PCCase subunit beta
UniProt Entry Name	PCCB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pccb-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/279795>