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Datasheet for ABIN2856061 anti-PCCB antibody (Center)

4 Images

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Overview

Quantity:	100 µL
Target:	PCCB
Binding Specificity:	Center
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCCB antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human PCCB. The exact sequence is proprietary.
lsotype:	lgG
Cross-Reactivity:	Cow (Bovine), Pig (Porcine), Rat (Rattus), Xenopus laevis, Zebrafish (Danio rerio)
Cross-Reactivity (Details):	Pig (94 %), Rat (91 %), Xenopus laevis (90 %), Zebrafish (90 %), Bovine (97 %)
Characteristics:	Rabbit Polyclonal antibody to PCCB (propionyl Coenzyme A carboxylase, beta polypeptide) PCCB antibody [N2C3]
Purification:	Purified by antigen-affinity chromatography.

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Target Details

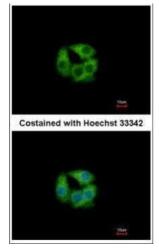
Target:	PCCB
Alternative Name:	PCCB (PCCB Products)
Background:	The protein encoded by this gene is a subunit of the propionyl-CoA carboxylase (PCC) enzyme
	which is involved in the catabolism of propionyl-CoA. PCC is a mitochondrial enzyme that
	probably acts as a dodecamer of six alpha subunits and 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).
	Cellular Localization: Mitochondrion matrix
Molecular Weight:	58 kDa
Gene ID:	5096
Pathways:	Monocarboxylic Acid Catabolic Process
Application Details	
Application Notes:	Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded
	sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal
	dilutions/concentrations should be determined by the researcher.Suggested
	dilutionReferenceICC/IF1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections)1:100-
	1:1000* Western blot1:500-1:3000*
Comment:	Positive Control: HepG2
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.54 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE
	which should be handled by trained staff only.
Storage:	-20 °C

Storage Comment:

Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw

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Images

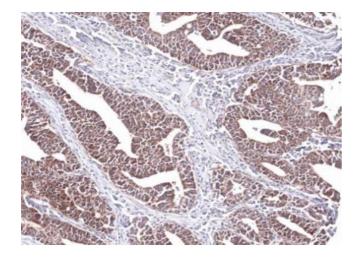


Immunofluorescence

Image 1. ICC/IF Image Immunofluorescence analysis of methanol-fixed Hep G2, using PCCB, antibody at 1:500 dilution.

Western Blotting Image 2. WB Image Sample (30µg whole cell lysate) A: Hep

 $\mbox{G2}$, 7.5% SDS PAGE antibody diluted at 1:1000



Immunohistochemistry

Image 3. IHC-P Image Immunohistochemical analysis of paraffin-embedded Lung Ad Cancer PC14 xenograft, using PCCB, antibody at 1:100 dilution.

Please check the product details page for more images. Overall 4 images are available for ABIN2856061.

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