Datasheet for ABIN2856061
anti-PCCB antibody (Center)
4 Images


## Overview

| Quantity: | $100 \mu \mathrm{~L}$ |
| :--- | :--- |
| Target: | PCCB |
| Binding Specificity: | Center |
| Reactivity: | Human, Mouse |
| Host: | Polyclonal |
| Clonality: | This PCCB antibody is un-conjugated |
| Conjugate: | Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded <br> Sections) (IHC (p)), Immunocytochemistry (ICC) |
| Application: |  |

## Product Details

| Immunogen: | Recombinant protein encompassing a sequence within the center region of human PCCB. The |
| :--- | :--- |
| exact sequence is proprietary. |  |
| Isotype: | IgG |
| 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) |
| Purification: | PCCB antibody [N2C3] |

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, <br> which is involved in the catabolism of propionyl-CoA. PCC is a mitochondrial enzyme that <br> probably acts as a dodecamer of six alpha subunits and six beta subunits. This gene encodes <br> the beta subunit of PCC. Defects in this gene are a cause of propionic acidemia type II (PA-2). <br> 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)1:1001:1000* Western blot1:500-1:3000* |
| :---: | :---: |
| Comment: | Positive Control: HepG2 |
| Restrictions: | For Research Use only |
| Handling |  |
| Format: | Liquid |
| Concentration: | $0.54 \mathrm{mg} / \mathrm{mL}$ |
| 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: | $-20^{\circ} \mathrm{C}$ |
| Storage Comment: | Keep as concentrated solution. Aliquot and store at $-20^{\circ} \mathrm{C}$ or below. Avoid multiple freeze-thaw |

cycles.

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 (30 3 g whole cell lysate) A: Hep 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.

