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Datasheet for ABIN656262
anti-PCCA antibody (AA 362-390)

7 Images

Overview

Quantity:	400 µL
Target:	PCCA
Binding Specificity:	AA 362-390
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This PCCA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 362-390 amino acids from the Central region of human PCCA.
Clone:	RB31944
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PCCA
Alternative Name:	PCCA (PCCA Products)
Background:	The protein encoded by this gene is the alpha subunit of the heterodimeric mitochondrial enzyme Propionyl-CoA carboxylase. PCCA encodes the biotin-binding region of this enzyme. Mutations in either PCCA or PCCB (encoding the beta subunit) lead to an enzyme deficiency

Target Details

resulting in propionic acidemia. Multiple transcript variants encoding different isoforms have been found for this gene.

Molecular Weight: 80059

Gene ID: 5095

NCBI Accession: [NP_000273](#), [NP_001121164](#), [NP_001171475](#)

UniProt: [P05165](#)

Pathways: [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: WB: 1:1000. WB: 1:2000. WB: 1:2000. WB: 1:2000. WB: 1:2000. WB: 1:2000. WB: 1:2000. WB: 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

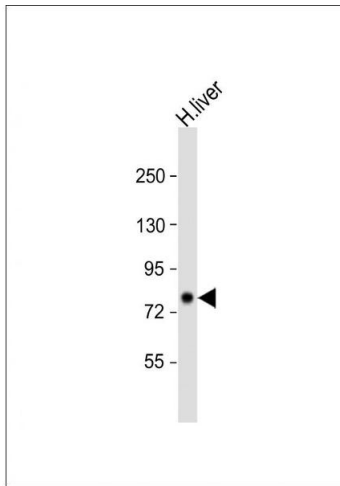
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

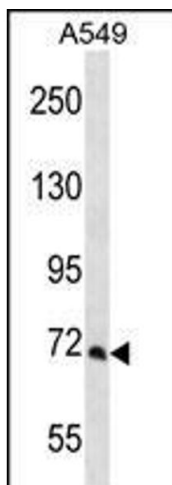
Storage Comment: PCCA Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

Expiry Date: 6 months



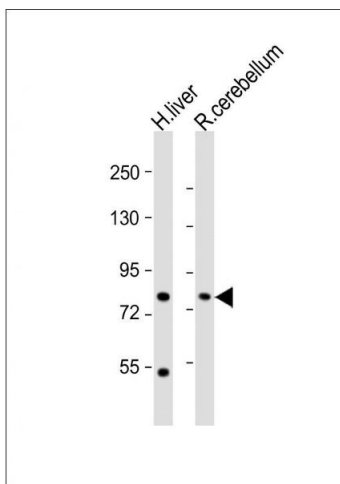
Western Blotting

Image 1. Anti-PCCA Antibody (Center) at 1:2000 dilution + human liver lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 80 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.



Western Blotting

Image 2. PCCA Antibody (Center) (ABIN656262 and ABIN2845576) western blot analysis in A549 cell line lysates (35 µg/lane). This demonstrates the PCCA antibody detected the PCCA protein (arrow).



Western Blotting

Image 3. All lanes : Anti-PCCA Antibody (Center) at 1:2000 dilution Lane 1: human liver lysate Lane 2: rat cerebellum lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 80 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN656262.