

## Datasheet for ABIN631082 **anti-PCCA antibody (N-Term)**



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### 1 Image

#### Overview

Quantity:	100 µL
Target:	PCCA
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCCA antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	PCCA antibody was raised using the N terminal of PCCA corresponding to a region with amino acids LYYSRQCLMVSRNLGSVGYPNEKTFDKILVANRGEIACRVIRTCKKMG I
Specificity:	PCCA antibody was raised against the N terminal of PCCA
Purification:	Affinity purified

#### Target Details

Target:	PCCA
Alternative Name:	PCCA ( <a href="#">PCCA Products</a> )
Background:	PCCA is the alpha subunit of the heterodimeric mitochondrial enzyme Propionyl-CoA carboxylase. PCCA is the biotin-binding region of this enzyme. Mutations in either PCCA or PCCB (encoding the beta subunit) lead to an enzyme deficiency resulting in propionic acidemia.

## Target Details

Molecular Weight:	75 kDa (MW of target protein)
Pathways:	<a href="#">Monocarboxylic Acid Catabolic Process</a>

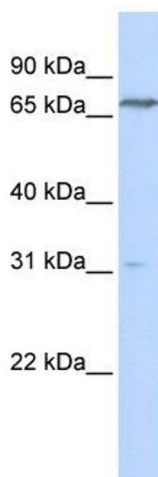
## Application Details

Application Notes:	WB: 1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	PCCA Blocking Peptide, catalog no. 33R-5579, is also available for use as a blocking control in assays to test for specificity of this PCCA antibody
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of PCCA antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

## Images



### Western Blotting

**Image 1.** PCCA antibody used at 1 µg/ml to detect target protein.