

Datasheet for ABIN518660  
**anti-PCCA antibody (AA 1-703)**



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### Overview

Quantity:	50 µg
Target:	PCCA
Binding Specificity:	AA 1-703
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This PCCA antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human PCCA protein.
Immunogen:	PCCA (AAH00140.1, 1 a.a. ~ 703 a.a) full-length human protein.
Sequence:	MLSAALRTLK HVLYYSRQCL MVSRLNGSVG YDPNEKTFDK ILVANRGEIA CRVIRTCKKM GIKTVAIHSD VDASSVHVKM ADEAVCVGPA PTSKSYLNMD AIMEAIKTR AQAVHPGYGF LSENKEFARC LAAEDVFIG PDTHAIQAMG DKIESKLLAK KAEVNTIPGF DGWVKDAEEA VRIAREIGYP VMIKASAGGG GKGMRIAWDD EETRDGFRLS SQEAASSFGD DRLLIEKFID NPRHIEIQVL GDKHGNALWL NERECSIQRR NQKVVEEAPS IFLDAETRRA MGEQAVALAR AVKYSSAGTV EFLVDSKKNF YFLEMNTRLQ VEHPVTECIT GLDLVQEMIR VAKGYPLRHK QADIRINGWA VECRVYAEDP YKSFGLPSIG RLSQYQEPLH LPGVRVDSGI QPGSDISIYY DPMISKLITY GSDRTEALKR MADALDNYVI RGVTHNIALL REVIINSRFV KGDISTKFLS DVYPDGFKGH MLTKSEKNQL LAIASSLFVA FQLRAQHFQE NSRMPVIKPD IANWELSVKL HDKVHTVVAS NNGSVFSVEV DGSKLNVTST WNLASPLLSV SVDGTQRTVQ CLSREAGGNM

## Product Details

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SIQFLGTVYK VNILRLAAE LNKFMLEKVT EDTSSVLRSP MPGVVAVSV KPGDAVAEGQ  
EICVIEAMKM QNSMTAGKTG TVKSVHCQAG DTVGEGDLLV ELE

Cross-Reactivity: Human

Characteristics: Antibody reactive against mammalian transfected lysate.

## Target Details

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Target: PCCA

Alternative Name: PCCA ([PCCA Products](#))

Background: Full Gene Name: propionyl Coenzyme A carboxylase, alpha polypeptide  
Synonyms:

Gene ID: 5095

Pathways: [Monocarboxylic Acid Catabolic Process](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Buffer: In 1x PBS, pH 7.4

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

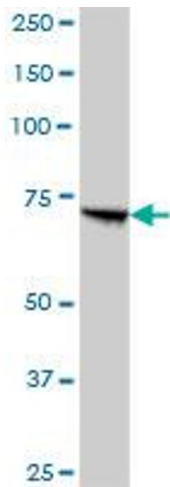
Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Publications

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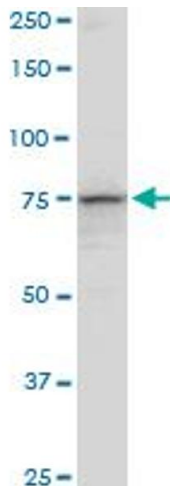
Product cited in: Majtan, Kraus: "Folding and activity of mutant cystathionine  $\gamma$ -synthase depends on the position and nature of the purification tag: characterization of the R266K CBS mutant." in: **Protein expression and purification**, Vol. 82, Issue 2, pp. 317-24, (2012) ([PubMed](#)).

Chandler, Chandrasekaran, Carrillo-Carrasco, Senac, Hofherr, Barry, Venditti: "Adeno-associated virus serotype 8 gene transfer rescues a neonatal lethal murine model of propionic acidemia." in: **Human gene therapy**, Vol. 22, Issue 4, pp. 477-81, (2011) ([PubMed](#)).



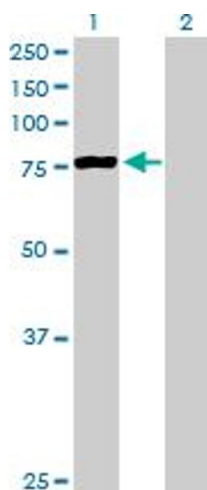
#### Western Blotting

**Image 1.** PCCA MaxPab polyclonal antibody. Western Blot analysis of PCCA expression in human liver.



#### Western Blotting

**Image 2.** PCCA MaxPab polyclonal antibody. Western Blot analysis of PCCA expression in U-2 OS.



#### Western Blotting

**Image 3.** Western Blot analysis of PCCA expression in transfected 293T cell line by PCCA MaxPab polyclonal antibody.

Lane 1: PCCA transfected lysate(77.33 KDa).

Lane 2: Non-transfected lysate.