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Datasheet for ABIN6145279
anti-PCCA antibody (AA 449-728)

1 Image

Overview

Quantity:	100 µL
Target:	PCCA
Binding Specificity:	AA 449-728
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCCA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 449-728 of human PCCA (NP_000273.2).
Sequence:	ISKLITYGSD RTEALKRMAD ALDNYVIRGV THNIALLEEV IINSRFVKGD ISTKFLSDVY PDGFKGHMLT KSEKNQLLAI ASSLFVAFQL RAQHFQENSR MPVIKPDIAN WELSVKLDHK VHTVVASNNG SVFSVEVDGS KLNVTSTWNL ASPLLSVSVD GTQRTVQCLS REAGGNMSIQ FLGTVYKVNI LTRLAAELNK FMLEKVTEDT SSVLRSPMPG VVAVSVKPG DAVAEGQEIC VIEAMKMQNS MTAGKTGTVK SVHCQAGDTV GEGDLLVELE
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

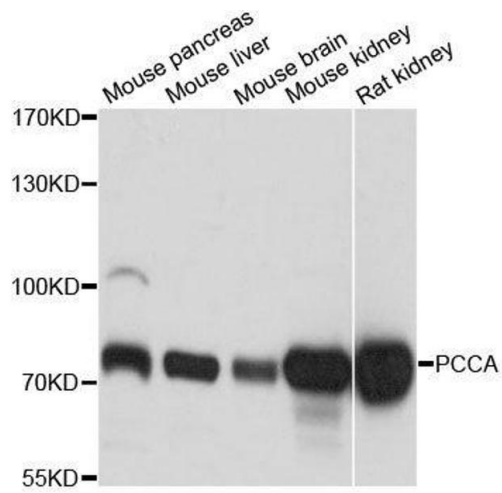
Target:	PCCA
Alternative Name:	PCCA (PCCA Products)
Background:	The protein encoded by this gene is the alpha subunit of the heterodimeric mitochondrial enzyme Propionyl-CoA carboxylase. PCCA encodes the biotin-binding region of this enzyme. Mutations in either PCCA or PCCB (encoding the beta subunit) lead to an enzyme deficiency resulting in propionic acidemia. Multiple transcript variants encoding different isoforms have been found for this gene.,PCCA,Cancer,Signal Transduction,Endocrine & Metabolism,Amino acid metabolism,PCCA
Molecular Weight:	75 kDa/77 kDa/80 kDa
Gene ID:	5095
UniProt:	P05165
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	WB,1:1000 - 1:3000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using PCCA antibody.