

PCCA Antibody (Center)

Catalog_no :	AB1031
Applications :	WB
Reactivity :	H, Rat
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:362-390
Specificity :	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.
Dilution :	IHC-P,1:25;IHC-P,1:25;IHC-P,1:25;IHC-P,1:25;WB,1:2000;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	Propionyl-CoA carboxylase alpha chain, mitochondrial, PCCase subunit alpha, Propanoyl-CoA:carbon dioxide ligase subunit alpha, PCCA
Isotype :	Rabbit Ig
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.
reference :	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Huang, C.S., et al. Nature 466(7309):1001-1005(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) MacDonald, M.J., et al.