

PCB Polyclonal Antibody

Cat No: HR1AP7599

For research use only

Overview

Product Name	PCB Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	120kDa
GeneID?Human?	PC
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	PC; Pyruvate carboxylase; mitochondrial; Pyruvic carboxylase; PCB
Background	<p>pyruvate carboxylase(PC) Homo sapiens This gene encodes pyruvate carboxylase, which requires biotin and ATP to catalyse the carboxylation of pyruvate to oxaloacetate. The active enzyme is a homotetramer arranged in a tetrahedron which is located exclusively in the mitochondrial matrix. Pyruvate carboxylase is involved in gluconeogenesis, lipogenesis, insulin secretion and synthesis of the neurotransmitter glutamate. Mutations in this gene have been associated with pyruvate carboxylase deficiency. Alternatively spliced transcript variants with different 5' and 3' UTRs, but encoding the same protein, have been found for this gene. [provided by RefSeq, Jul 2008].</p>