

# PEPCK-C Polyclonal Antibody

Cat No: HR1AP5077

For research use only

## Overview

Product Name	PEPCK-C 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	65kDa
GeneID?Human?	PCK1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	PCK1; PEPCK1; Phosphoenolpyruvate carboxykinase, cytosolic [GTP]; PEPCK-C; Phosphoenolpyruvate carboxylase
Background	<p>phosphoenolpyruvate carboxykinase 1(PCK1) Homo sapiens This gene is a main control point for the regulation of gluconeogenesis. The cytosolic enzyme encoded by this gene, along with GTP, catalyzes the formation of phosphoenolpyruvate from oxaloacetate, with the release of carbon dioxide and GDP. The expression of this gene can be regulated by insulin, glucocorticoids, glucagon, cAMP, and diet. Defects in this gene are a cause of cytosolic phosphoenolpyruvate carboxykinase deficiency. A mitochondrial isozyme of the encoded protein also has been characterized. [provided by RefSeq, Jul 2008].</p>