

PEPCK-C Polyclonal Antibody

Catalog # AP73419

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	P35558
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

Additional Information

Other Names	PCK1; PEPCK1; Phosphoenolpyruvate carboxykinase, cytosolic [GTP]; PEPCK-C; Phosphoenolpyruvate carboxylase
Dilution	WB--Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications. IHC-P--Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications. IF--1:50~200 ICC--N/A E--N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

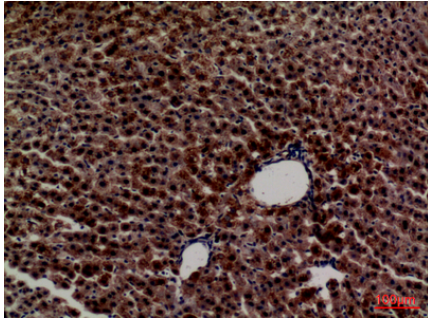
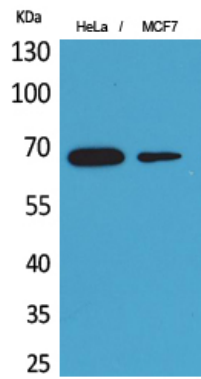
Protein Information

Background

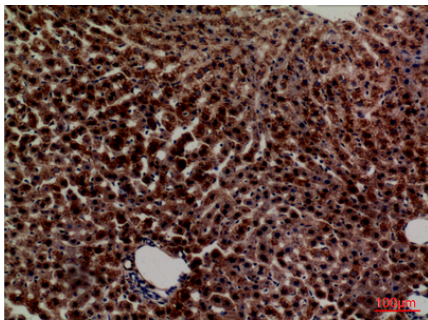
Regulates cataplerosis and anaplerosis, the processes that control the levels of metabolic intermediates in the citric acid cycle. At low glucose levels, it catalyzes the cataplerotic conversion of oxaloacetate (OAA) to phosphoenolpyruvate (PEP), the rate-limiting step in the metabolic pathway that produces glucose from lactate and other precursors derived from the citric acid cycle. At high glucose levels, it catalyzes the anaplerotic conversion of phosphoenolpyruvate to oxaloacetate.

Images

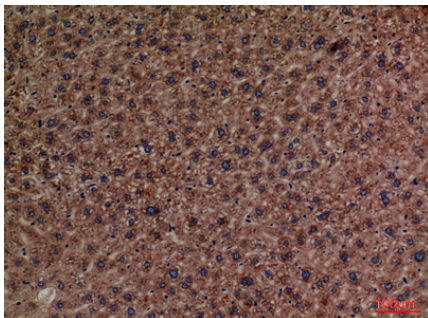
Western Blot analysis of HeLa, MCF7 cells using PEPCK-C Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded rat-liver, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded rat-liver, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded mouse-liver, antibody was diluted at 1:100

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.