

PCK1

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:1000 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 69kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human PCK1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

MGC22652; PEPCK-C; PEPCK1; PEPCKC;

Catalog #: A2036

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5105

Isotype: IgG

Swiss Prot: P35558

Purity: Affinity purification

For research use only.

Background:

PCK1 (Phosphoenolpyruvate carboxykinase, cytosolic) is also named as PEPCK1 and belongs to the phosphoenolpyruvate carboxykinase [GTP] family. It catalyzes the formation of phosphoenolpyruvate from oxaloacetate, with the release of carbon dioxide and GDP. It is also a main control point for the regulation of gluconeogenesis. In eukaryotes there are two isozymes: a cytoplasmic one and a mitochondrial one. Defects in PCK1 are the cause of cytosolic phosphoenolpyruvate carboxykinase deficiency (C-PEPCKD). This antibody is specific to PCK1.

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