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PCK1 Polyclonal Antibody

Cat #: G-AB-09900

Host: Rabbit **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:**

Overview:
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.

Gene ID: 5105

Accession #:

Immunogen: A synthetic peptide of human PCK1 (NP_002582.3).

Conjugation: Unconjugated

Swissprot: P35558

Calculated Molecular Weight: 34 kDa/69 kDa

Observed Molecular Weight: 69 kDa

Concentration: 1 mg/mL

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3

Purification Method: Affinity purification

Application: WB

Dilution: WB 1:1000-1:2000

Storage: Store at -20°C. Avoid freeze / thaw cycles.