

Product datasheet for **TA371237**

PCK1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse liver and kidney tissue
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human PCK1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	69 kDa
Gene Name:	phosphoenolpyruvate carboxykinase 1
Database Link:	Entrez Gene 5105 Human P35558

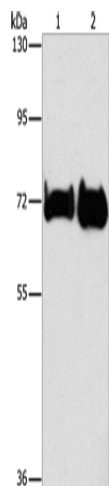
Background: This gene is a main control point for the regulation of gluconeogenesis. The cytosolic enzyme encoded by this gene, along with GTP, catalyzes the formation of phosphoenolpyruvate from oxaloacetate, with the release of carbon dioxide and GDP. The expression of this gene can be regulated by 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.

Synonyms: MGC22652; PEPCK-C; PEPCK1; PEPCKC



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Product images:



Gel: 6%SDS-PAGE

Lysate: 40 μ g

Lane 1-2: Mouse liver tissue

Mouse kidney tissue

Primary antibody: TA371237 (PCK1 Antibody) at dilution 1/362.5

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute