



[Go to Product page](#)

Datasheet for ABIN7163254
anti-PEPCK antibody (AA 101-400)

1 Image

Overview

Quantity:	100 µg
Target:	PEPCK
Binding Specificity:	AA 101-400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PEPCK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant Human Phosphoenolpyruvate carboxykinase [GTP], mitochondrial protein (101-400AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	PEPCK
Alternative Name:	PCK2 (PEPCK Products)
Background:	Background: Catalyzes the conversion of oxaloacetate (OAA) to phosphoenolpyruvate (PEP),

Target Details

the rate-limiting step in the metabolic pathway that produces glucose from lactate and other precursors derived from the citric acid cycle.

Aliases: EC 4.1.1.32 antibody, GTP mitochondrial precursor antibody, HGNC:8725 antibody, mitochondrial antibody, Mitochondrial phosphoenolpyruvate carboxykinase 2 antibody, OTTHUMP00000164700 antibody, PCK2 antibody, PCKGM_HUMAN antibody, PE antibody, PEP carboxykinase antibody, PEPCK antibody, PEPCK deficiency mitochondrial antibody, PEPCK M antibody, PEPCK-M antibody, PEPCK2 antibody, Phosphoenolpyruvate carboxykinase [GTP] antibody, Phosphoenolpyruvate carboxykinase 2 (mitochondrial) antibody, Phosphoenolpyruvate carboxykinase 2 mitochondrial antibody, Phosphoenolpyruvate carboxylase antibody, Phosphopyruvate carboxylase antibody

UniProt: [Q16822](#)

Pathways: [Positive Regulation of Peptide Hormone Secretion](#), [Carbohydrate Homeostasis](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000,

Restrictions: For Research Use only

Handling

Format: Liquid

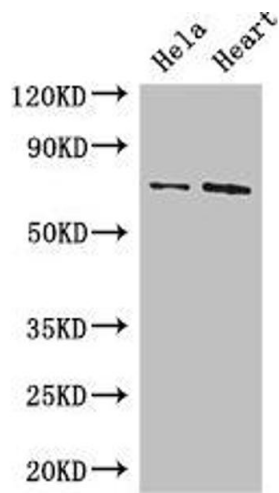
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western Blot Positive WB detected in: HeLa whole cell lysate, Mouse heart tissue All lanes: PCK2 antibody at 3.4 $\mu\text{g}/\text{mL}$ Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 71, 48, 56 kDa Observed band size: 71 kDa