

**Product Name: PCK2 Rabbit Polyclonal Antibody****Catalog #: APRab00266**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,FC
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Purification</b>	Affinity Chromatography

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,FC 1:50-1:100
<b>Molecular Weight</b>	Calculated MW: 71 kDa; Observed MW: 71 kDa

**Antigen Information**

<b>Gene Name</b>	PCK2
<b>Alternative Names</b>	PCK2; PEPCK2; Phosphoenolpyruvate carboxykinase [GTP]; mitochondrial; PEPCK-M; Phosphoenolpyruvate carboxylase
<b>Gene ID</b>	5106
<b>SwissProt ID</b>	Q16822
<b>Immunogen</b>	A synthetic peptide of human PCK2

**Background**

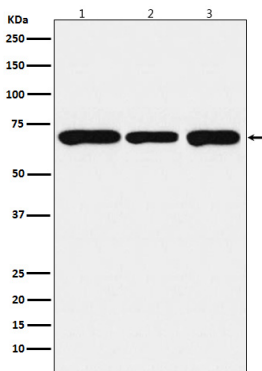
Catalyzes the conversion of oxaloacetate (OAA) to phosphoenolpyruvate (PEP), the rate-limiting step in the metabolic pathway

that produces glucose from lactate and other precursors derived from the citric acid cycle.

## Research Area

Cardiovascular

## Image Data



Western blot analysis of PCK2 in (1) HepG2 lysates; (2) mouse brain lysates; (3) rat spleen lysates using PCK2 antibody.