

## Summary

<b>Production Name</b>	PCK2 Rabbit Monoclonal Antibody
<b>Description</b>	Recombinant Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-F,IHC-P,ICC/IF
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purified

## Immunogen

<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

## Application

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

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**Catalog #: AMRe02407**



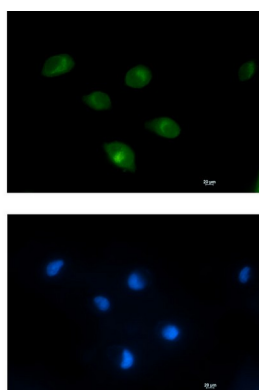
## Background

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.

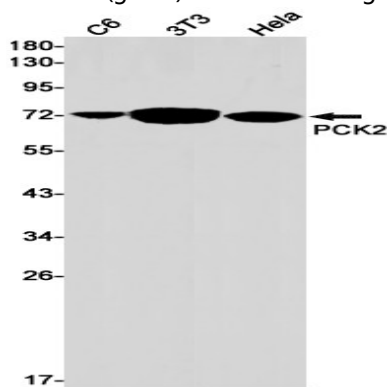
## Research Area

Cardiovascular

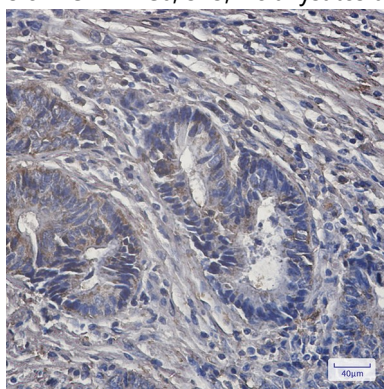
## Image Data



Immunocytochemistry analysis of PCK2 (green) in HT-1080 using PCK2 antibody, and DAPI (blue).



Western blot analysis of PCK2 in C6, 3T3, HeLa lysates using PCK2 antibody.



Immunohistochemistry analysis of paraffin-embedded Human colon cancer tissue using PCK2 antibody. High-pressure and

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temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

**Note**

For research use only.