

Summary

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

Performance

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

Immunogen

Gene Name	PCK2
Alternative Names	PCK2; PEPCCK2; Phosphoenolpyruvate carboxykinase [GTP]; mitochondrial; PEPCCK-M; Phosphoenolpyruvate carboxylase
Gene ID	5106
SwissProt ID	Q16822.

Application

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

Product Name: PCK2 Rabbit Monoclonal Antibody
Catalog #: AMRe02407



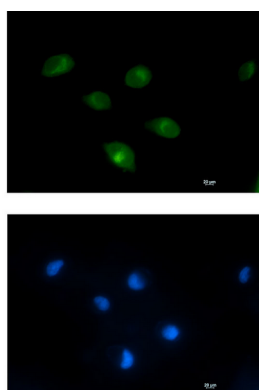
Background

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.

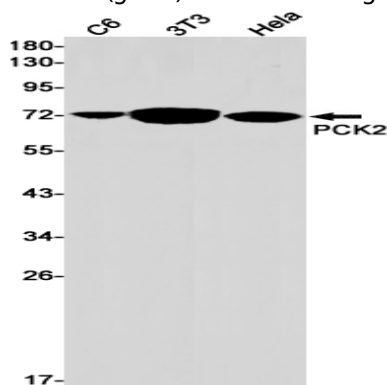
Research Area

Cardiovascular

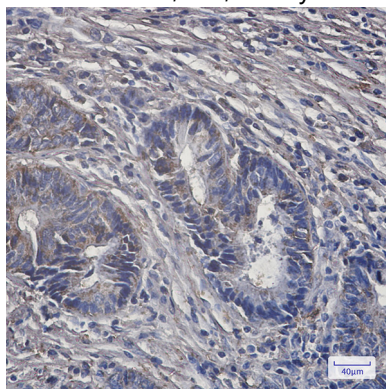
Image Data



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.