

**PCK2 Antibody**  
Rabbit mAb  
Catalog # AP91578

## Specification

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### PCK2 Antibody - Product Information

Application	WB, IHC, FC, ICC
Primary Accession	<a href="#">Q16822</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
PCK2; PE; PEP carboxykinase; PEPCK; PEPCK M; PEPCK2;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	70699 Da

### PCK2 Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human PCK2
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

### PCK2 Antibody - Protein Information

Name PCK2 ([HGNC:8725](#))

Synonyms PEPCK2

#### Function

Mitochondrial phosphoenolpyruvate carboxykinase that 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 (PubMed:<a href="http://www.uniprot.org/citations/28955899" target="\_blank">28955899</a>). Can play an active role in glyceroneogenesis and gluconeogenesis (PubMed:<a href="http://www.uniprot.org/citations/28955899" target="\_blank">28955899</a>).

#### Cellular Location

Mitochondrion.

#### Tissue Location

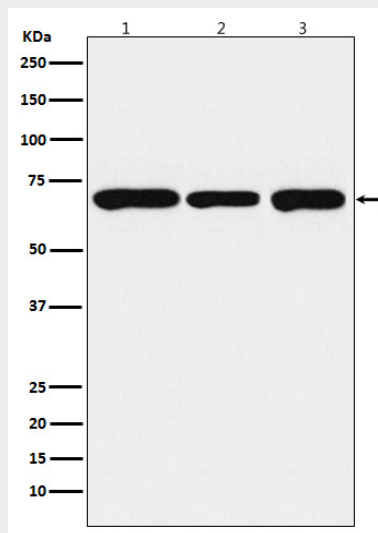
Widely expressed..

#### PCK2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### PCK2 Antibody - Images



Western blot analysis of PCK2 expression in (1) HepG2 cell lysate; (2) Mouse brain lysate; (3) Rat spleen lysate.