## antibodies -online.com







## anti-PEPCK antibody (N-Term)

**Images** 



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Quantity:	0.4 mL	
Target:	PEPCK	
Binding Specificity:	N-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This PEPCK antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)	
Product Details		

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human PCK2.	
Isotype:	Ig Fraction	
Specificity:	This antibody reacts to PCK2.	
Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS	

## Target Details

Target:	PEPCK
Alternative Name:	PCK2 (PEPCK Products)

## **Target Details**

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Background:	This gene encodes a member of the phosphoenolpyruvate carboxykinase (GTP) family. The		
	protein is a mitochondrial enzyme that catalyzes the conversion of oxaloacetate to		
	phosphoenolpyruvate in the presence of GTP. A cytosolic form encoded by a different gene has		
	also been characterized and is the key enzyme of gluconeogenesis in the liver. The encoded		
	protein may serve a similar function, although it is constitutively expressed and not modulated		
	by hormones such as glucagon and insulin that regulate the cytosolic form. Alternatively		
	spliced transcript variants have been described. Synonyms: EC=4.1.1.32, PCK-2, PEPCK-M,		
	PEPCK2, Phosphoenolpyruvate carboxykinase, Phosphoenolpyruvate carboxylase		
Gene ID:	5106, 5874		
UniProt:	Q16822		
Pathways:	Positive Regulation of Peptide Hormone Secretion, Carbohydrate Homeostasis		
Application Details			
Application Notes:	ELISA: 1/1,000. Western blotting: 1/100 - 1/500. Immunohistochemistry: 1/50 - 1/100.		
	Other applications not tested.		
	Optimal dilutions are dependent on conditions and should be determined by the user.		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	0.25 mg/mL		
Buffer:	PBS with 0.09 % (W/V) sodium azide		
Preservative:	Sodium azide		
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which		
	should be handled by trained staff only.		
Handling Advice:	Avoid repeated freezing and thawing.		
Storage:	4 °C/-20 °C		
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.		

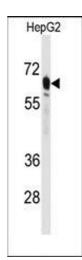


Image 1.

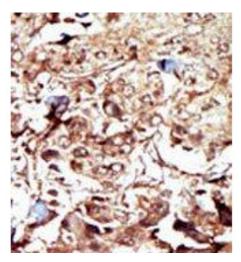


Image 2.