Datasheet for ABIN7234069

anti-PCK1 antibody

3 Images

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Overview

Quantity:	200 µL
Target:	PCK1
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Rat Phosphoenolpyruvate carboxykinase, cytosolic [GTP] protein
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen Affinity Purification

Target Details

Target:	PCK1
Alternative Name:	PCK1 (PCK1 Products)
Background:	This gene is a main control point for the regulation of gluconeogenesis. The cytosolic enzyme encoded by this gene, along with GTP, catalyzes the formation of phosphoenolpyruvate from oxaloacetate, with the release of carbon dioxide and GDP. The expression of this gene can be regulated by insulin, glucocorticoids, glucagon, cAMP, and diet. Defects in this gene are a cause of cytosolic phosphoenolpyruvate carboxykinase deficiency. A mitochondrial isozyme of the

Target Details

	encoded protein also has been characterized.
UniProt:	P07379
Pathways:	Positive Regulation of Peptide Hormone Secretion, Carbohydrate Homeostasis

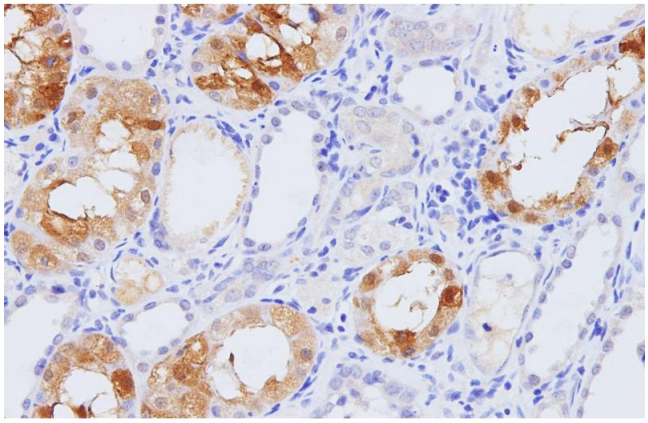
Application Details

Application Notes:	IHC 1:100-1:200
Restrictions:	For Research Use only

Handling

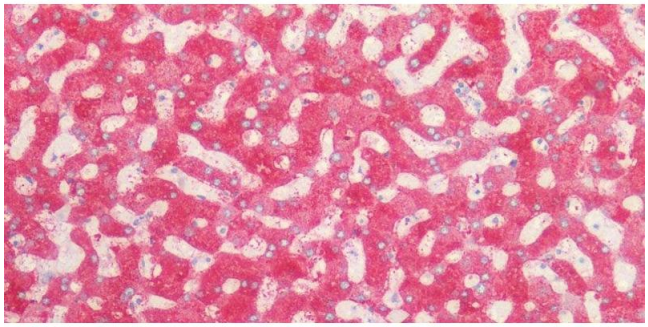
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.05 % Proclin300 and 50 % glycerol, pH 7.4.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



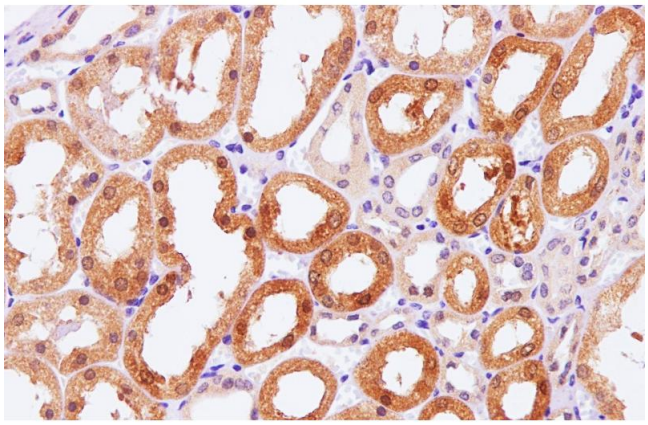
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Rat kidney using Pck1 Polyclonal Antibody at dilution of 1:100



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Human liver using PCK1 Polyclonal Antibody at dilution of 1:100.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human kidney using Pck1 Polyclonal Antibody at dilution of 1:100

