

Rabbit anti-Human, Rat PCK1 Polyclonal Antibody | anti-PCK1 antibody

PCK1 Polyclonal Antibody

CATALOG # AAA179783	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

PCK1; Polyclonal Antibody; PCK1 Polyclonal Antibody; cytosolic [GTP]; GTP; PCKGC; PEP carboxykinase; PEPCK-C; PEPCK1; PEPCKC; Phosphoenolpyruvate carboxykinase 1 (soluble); Phosphoenolpyruvate carboxykinase 1; Phosphoenolpyruvate carboxykinase; cytosolic; Phosphoenolpyruvate carboxylase; Phosphopyruvate carboxylase; PCK1?; anti-PCK1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH 7.4
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-PCK1 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant Rat PCK1 protein expressed by E coli
Preparation and Storage	Store at -20 degree C Valid for 12 months. Avoid freeze/thaw cycles.

IMAGES



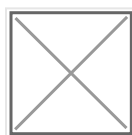
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver using PCK1 Polyclonal Antibody at dilution of 1:200



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human kidney using Pck1 Polyclonal Antibody at dilution of 1:200



IHC (Immunohistochemistry)

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

ADDITIONAL INFORMATION

Related Product Information for anti-PCK1 antibody	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 encoded protein also has been characterized.
Product Categories/Family for anti-PCK1 antibody	Polyclonal Antibodies; Primary Antibodies; Polyclonal Antibodies; Cancer; Cardiovascular; Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	38454296
NCBI GeneID	362282
NCBI Accession #	NP_942075.1
NCBI GenBank Nucleotide #	NM_198780.3
UniProt Accession #	P07379
Molecular Weight	69,416 Da
NCBI Official Full Name	phosphoenolpyruvate carboxykinase, cytosolic
NCBI Official Synonym Full Names	phosphoenolpyruvate carboxykinase 1
NCBI Official Symbol	Pck1
NCBI Official Synonym Symbols	GTP; PCK; Pepck; PEPCK-C; RATPEPCK
NCBI Protein Information	phosphoenolpyruvate carboxykinase, cytosolic [GTP]
UniProt Protein Name	Phosphoenolpyruvate carboxykinase, cytosolic [GTP]
UniProt Gene Name	Pck1
UniProt Synonym Gene Names	PEPCK-C

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pck1-antibody-immunohistochemistry-elisa/179783>