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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PCK1 (Human) Matched Antibody Pair

Catalog # : H00005105-AP11

規格 : [1 Set]

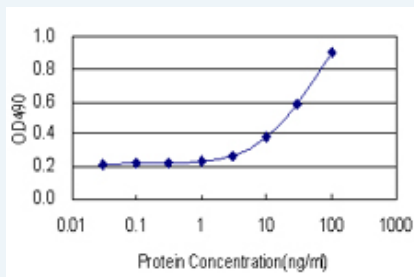
[List All](#)

Specification

Product Description: This antibody pair set comes with matched antibody pair to detect and quantify protein level of human PCK1.

Reactivity: Human

Quality Control Testing: Standard curve using recombinant protein (H00005105-P01) as an analyte.



Sandwich ELISA detection sensitivity ranging from 3 ng/ml to 100 ng/ml.

Supplied Product: Antibody pair set content:
 1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-PCK1 (100 ug)
 2. Detection antibody: mouse monoclonal anti-PCK1, IgG1 Kappa (20 ug)
 *Reagents are sufficient for at least 1-2 x 96 well plates using recommended protocols.

Storage Instruction: Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

MSDS:  [Download](#)

Applications

ELISA Pair (Recombinant protein)

 [Protocol Download](#)

Gene Information

Entrez GeneID: [5105](#)

Gene Name: PCK1

Gene Alias: MGC22652,PEPCK-C,PEPCK1,PEPCKC

Gene Description: phosphoenolpyruvate carboxykinase 1 (soluble)

Omim ID: [261680](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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. [provided by RefSeq]

Other Designations: OTTHUMP00000031374, PEP carboxykinase, cytosolic phosphoenolpyruvate carboxykinase 1, phosphoenolpyruvate carboxylase, phosphopyruvate carboxylase

Gene Pathway

[Adipocytokine signaling pathway](#) [Citrate cycle \(TCA cycle\)](#) [Glycolysis / Gluconeogenesis](#) [Insulin signaling pathway](#) [Metabolic pathways](#) [PPAR signaling pathway](#) [Pyruvate metabolism](#)

Related Disease

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