

Datasheet for ABIN2460581 **anti-PCK1 antibody**



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1 Image

Overview

Quantity:	100 µL
Target:	PCK1
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCK1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human PCK1.
Purification:	Antibody is purified by protein A chromatography method.

Target Details

Target:	PCK1
Alternative Name:	PCK1 (PCK1 Products)
Background:	PCK1 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 PCK1 can be regulated by insulin, glucocorticoids, glucagon, cAMP, and diet.
Molecular Weight:	69 kDa

Target Details

Gene ID:	5105
NCBI Accession:	NP_002582
UniProt:	P35558
Pathways:	Positive Regulation of Peptide Hormone Secretion, Carbohydrate Homeostasis

Application Details

Application Notes:	PCK1 antibody can be used for detection of PCK1 by ELISA at 1:1562500. PCK1 antibody can be used for detection of PCK1 by western blot at 1.25 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 100 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store PCK1 antibody at -20 °C.



Western Blotting

Image 1.