



PCK1 Antibody

CATALOG NUMBER: 46-145



Western Blot (0.5ug/ml) staining of Human Kidney lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specifications

SPECIES REACTIVITY:

TESTED APPLICATIONS:

APPLICATIONS: ELISA: antibody detection limit dilution 1:16000. Western Blot: Approx 70kDa band observed in Human Kidney lysates (calculated MW of 69.2kDa according to NP_002582.2). Recommended concentration: 0.5-1.5ug/ml.

POSITIVE CONTROL: 1) Cat. No. 1305 - Human Kidney Tissue Lysate

IMMUNOGEN: PCK1 antibody was raised against a 14 amino acid synthetic peptide near the internal region (near the C-Terminus) of PCK1.

HOST SPECIES: Goat

Properties

PURIFICATION: PCK1 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

PHYSICAL STATE: Liquid

BUFFER: PCK1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.

CONCENTRATION: 500 ug/mL

STORAGE CONDITIONS: Aliquot and store at -20°C. Minimize freezing and thawing.

CLONALITY: Polyclonal

CONJUGATE: Unconjugated

Additional Info

ALTERNATE NAMES: PCK1, phosphoenolpyruvate carboxykinase 1 (soluble), MGC22652, PEPCK1, PEPCKC, PEP carboxykinase, cytosolic phosphoenolpyruvate carboxykinase 1, phosphoenolpyruvate carboxylase, phosphopyruvate carboxylase

ACCESSION NO.: NP_002582.2

PROTEIN GI NO.: 32483401

OFFICIAL SYMBOL: PCK1

GENE ID:	5105
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Background

REFERENCES: 1) Willer CJ, Bonnycastle LL, Conneely KN, Duren WL, Jackson AU, Scott LJ, Narisu N, Chines PS, Skol A, Stringham HM, Petrie J, Erdos MR, Swift AJ, Enloe ST, Sprau AG, Smith E, Tong M, Doheny KF, Pugh EW, Watanabe RM, Buchanan TA, Valle TT, Bergman RN, Tuomilehto J, Mohlke KL, Collins FS, Boehnke M. Screening of 134 single nucleotide polymorphisms (SNPs) previously associated with type 2 diabetes replicates association with 12 SNPs in nine genes. Diabetes. 2007 Jan;56(1):256-64.

FOR RESEARCH USE ONLY

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