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Research Use Only. Not for diagnostic or therapeutic use.

EB07755 - Goat Anti-PCK1 / PEPCKC (internal region) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PCK1, PEPCKC, phosphoenolpyruvate carboxykinase 1 (soluble), MGC22652, PEPCK1, PEP carboxykinase, cytosolic phosphoenolpyruvate carboxykinase

1, phosphoenolpyruvate carboxylase, phosphopyruvate carboxylase

Official Symbol: PCK1

Accession Number(s): NP_002582.2

Human GeneID(s): 5105

Immunogen

Peptide with sequence C-EKEVEDIEKYLEDQ, from the internal region (near the C Terminus) of the protein sequence according to NP_002582.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

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

Applications Tested

Peptide 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: 0.5-1.5µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB07755 ($0.5\mu g/ml$) staining of Human Kidney lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.