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Research Use Only. Not for diagnostic or therapeutic use.

EB06983 - Goat Anti-PDK1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PDK1, pyruvate dehydrogenase kinase, isoenzyme 1, HGNC:8809, mitochondrial pyruvate dehydrogenase kinase isoenzyme 1, pyruvate dehydrogenase kinase, isoenzyme 1, OTTHUMP0000205076, mitochondrial pyruvate dehydrogenase,

lipoamide, kinase isoenzyme 1

Official Symbol: PDK1

Accession Number(s): NP_002601.1

Human GeneID(s): 5163

Immunogen

Peptide with sequence C-DFKDKSAEDAK, from the internal region of the protein sequence according to NP_002601.1.

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 1:1000.

Western blot: Approx 65-70kDa band observed in Rat Heart lysates (calculated MW of 49.2kDa according to NP_002601.1). This molecular weight is routinely observed by other sources. Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Rat

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB06983 (1μg/ml) staining of Rat Heart lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour.

Detected by chemiluminescence.