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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB10505 - Goat Anti-PDXP Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: chronophin, CIN, dJ37E16.5, FLJ32703, PLP, pyridoxal (pyridoxine, vitamin B6) phosphatase, pyridoxal phosphatase, pyridoxal phosphate phosphatase, PDXP

Official Symbol: PDXP

Accession Number(s): NP_064711.1

Human GeneID(s): [57026](#)

Non-Human GeneID(s): 57028 (mouse), 727679 (rat)

Immunogen

Peptide with sequence C-QHDLVPHYVYES, from the C Terminus of the protein sequence according to NP_064711.1.

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 1:64000.

Western blot: Approx 32kDa band observed in Human and Rat Heart lysates and in Mouse and Rat Brain lysates (calculated MW of 31.7kDa according to NP_064711.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Tonsil. Recommended concentration: 5µg/ml.

Species Reactivity

Tested: Human, Mouse, Rat

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

EB10505 (0.1µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB10505 (0.1µg/ml) staining of Mouse (A) and Rat (B) Brain lysates (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB10505 (5µg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer Ph 6, AP-staining.