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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 GenelD(s): 57026

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

Immunogen

Peptide with sequence C-QHDLVPHYYVES, 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.

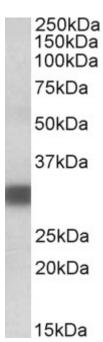
Western blot: Approx 32kDa band observed in Human and Rat Heart lysates and in Mouse and Rat Brain lysates (calculated MW of 31.7kDa according to NP_064711.1).

Recommended concentration: 0.1-0.3μg/ml. Primary incubation was 1 hour. **IHC:** Paraffin embedded Human Tonsil. Recommended concentration: 5μg/ml.

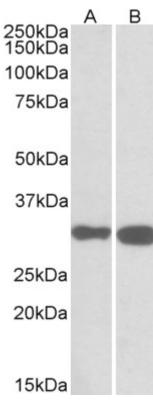
Species Reactivity

Tested: Human, Mouse, Rat

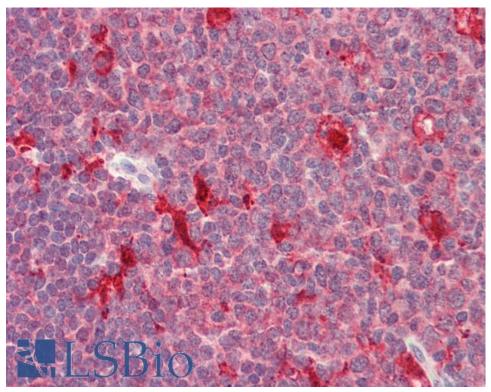
Expected from sequence similarity: Human, Mouse, Rat, Cow



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 ($5\mu g/ml$) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer Ph 6, AP-staining.