

## UK Office

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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-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.

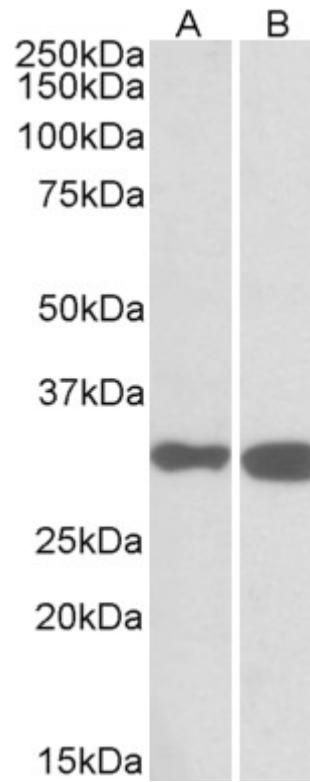
### Species Reactivity

**Tested:** Human, Mouse, Rat

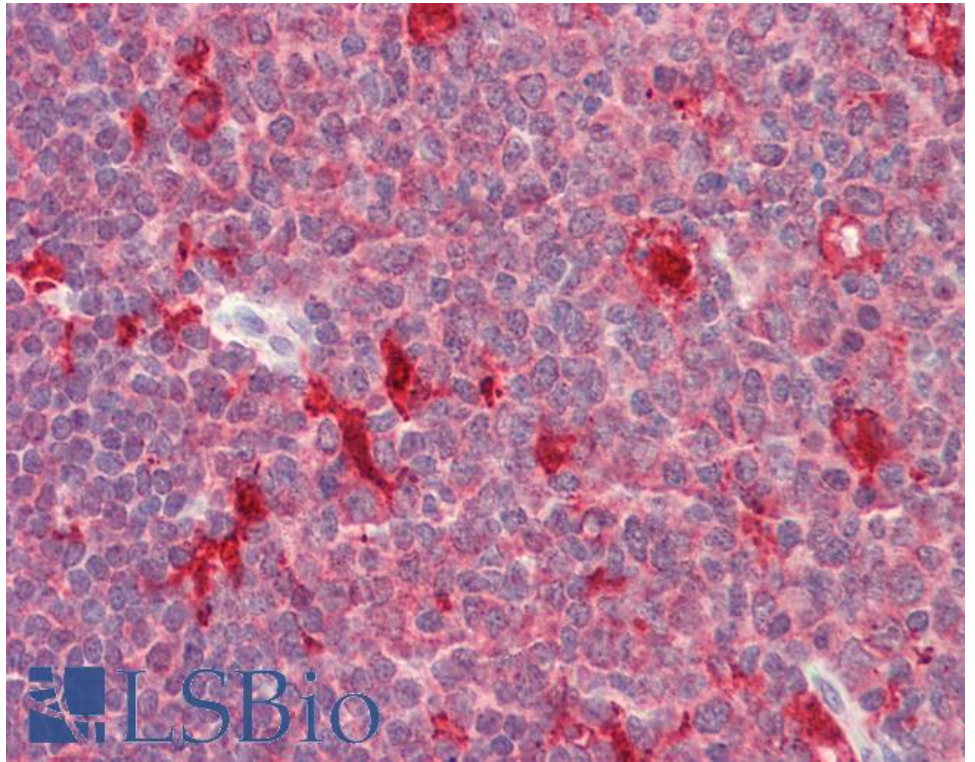
**Expected from sequence similarity:** Human, Mouse, Rat, Cow



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