

## Goat anti-PDXP Antibody

Item Number	dAP-2475
Target Molecule	Principle Name: PDXP; Official Symbol: PDXP; All Names and Symbols: PDXP; pyridoxal (pyridoxine, vitamin B6) phosphatase; CIN; FLJ32703; PLP; dJ37E16.5; chronophin; pyridoxal phosphatase; pyridoxal phosphate phosphatase; Accession Number (s): NP_064711.1; Human Gene ID(s): 57026; Non-Human GeneID(s): 57028 (mouse) 727679 (rat)
Immunogen	QHDLVPHYYVES, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Human, Mouse, Rat
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	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.
IHC	
Reference	Reference(s): Huang TY, Minamide LS, Bamburg JR, Bokoch GM, Chronophin mediates an ATP-sensing mechanism for cofilin dephosphorylation and neuronal cofilin-actin rod formation. Developmental cell 2008 Nov 15 (5): 691-703..PMID: 19000834->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**