

## Product datasheet for **TA344797**

### PDXP Rabbit Polyclonal Antibody

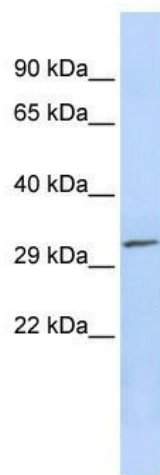
#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-PDXP antibody: synthetic peptide directed towards the middle region of human PDXP. Synthetic peptide located within the following region: DPWHPLSDGSRTPGTGSLAAAVETASGRQALVVGKPSPYMFECITENFSI
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	32 kDa
Gene Name:	pyridoxal phosphatase
Database Link:	<a href="#">NP_064711</a> <a href="#">Entrez Gene 57026 Human</a> <a href="#">Q96GD0</a>



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<b>Background:</b>	Pyridoxal 5-prime-phosphate (PLP) is the active form of vitamin B6 that acts as a coenzyme in maintaining biochemical homeostasis. The preferred degradation route from PLP to 4-pyridoxic acid involves the dephosphorylation of PLP by PDXP. Pyridoxal 5-prime-phosphate (PLP) is the active form of vitamin B6 that acts as a coenzyme in maintaining biochemical homeostasis. The preferred degradation route from PLP to 4-pyridoxic acid involves the dephosphorylation of PLP by PDXP (Jang et al., 2003 [PubMed 14522954]). [supplied by OMIM]
<b>Synonyms:</b>	CIN; dj37E16.5; PLP
<b>Note:</b>	Immunogen Sequence Homology: Dog: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%
<b>Protein Pathways:</b>	Metabolic pathways, Vitamin B6 metabolism

**Product images:**

WB Suggested Anti-PDXP Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: Jurkat cell lysate