

## Product datasheet for **TA335765**

### PDXK 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-PDXK Antibody: synthetic peptide directed towards the middle region of human PDXK. Synthetic peptide located within the following region: RKIHSQEEALRVMDMLHSMGPDTVVITSSDLPSQGSNYLIVLGSQRRRN
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:	34 kDa
Gene Name:	pyridoxal (pyridoxine, vitamin B6) kinase
Database Link:	<a href="#">NP_003672</a> <a href="#">Entrez Gene 8566 Human</a> <a href="#">O00764</a>



[View online »](#)

**Background:** PDXK phosphorylates vitamin B6, a step required for the conversion of vitamin B6 to pyridoxal-5-phosphate, an important cofactor in intermediary metabolism. PDXK is cytoplasmic and probably acts as a homodimer. The protein encoded by this gene phosphorylates vitamin B6, a step required for the conversion of vitamin B6 to pyridoxal-5-phosphate, an important cofactor in intermediary metabolism. The encoded protein is cytoplasmic and probably acts as a homodimer. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

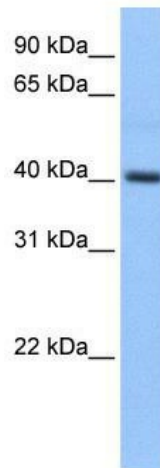
**Synonyms:** C21orf97; C21orf124; HEL-S-1a; PKH; PNK; PRED79

**Note:** Immunogen Sequence Homology: Human: 100%; Rat: 93%; Pig: 86%; Mouse: 86%; Rabbit: 86%; Guinea pig: 86%; Dog: 79%; Horse: 79%; Bovine: 79%; Zebrafish: 79%

**Protein Families:** Druggable Genome

**Protein Pathways:** Metabolic pathways, Vitamin B6 metabolism

### Product images:



WB Suggested Anti-PDXK Antibody Titration: 0.2-1 ug/ml; Positive Control: Human Liver