

Product datasheet for **TA335764**

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 N terminal of human PDXK. Synthetic peptide located within the following region: PLQVLGFEIDAVNSVQFSNHTGYAHWKGQVLNSDELQELYEGLRLNMMNK
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:	NP_003672 Entrez Gene 8566 Human O00764



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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.

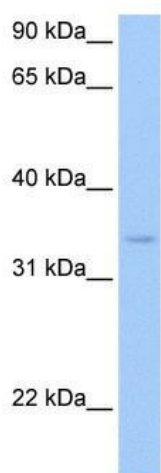
Synonyms: C21orf97; C21orf124; HEL-S-1a; PKH; PNK; PRED79

Note: Immunogen Sequence Homology: Human: 100%; Sheep: 100%; Bovine: 100%; Dog: 93%; Horse: 93%; Pig: 92%; Rat: 92%; Guinea pig: 92%; Rabbit: 86%; Mouse: 79%

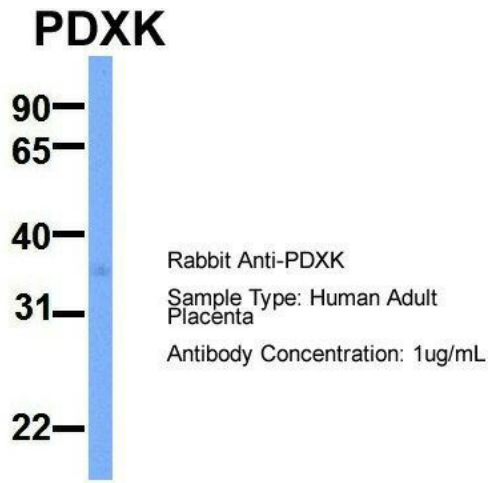
Protein Families: Druggable Genome

Protein Pathways: Metabolic pathways, Vitamin B6 metabolism

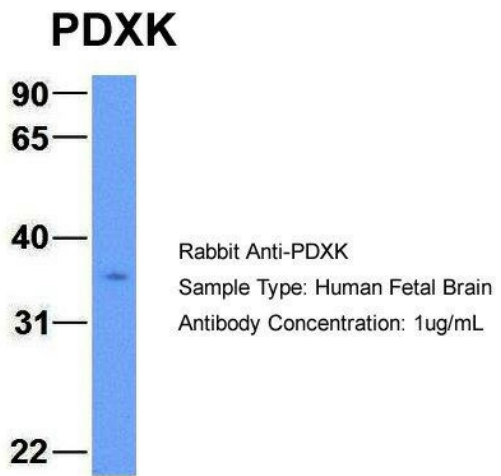
Product images:



WB Suggested Anti-PDXK Antibody Titration: 0.2-1 ug/ml; Positive Control: HepG2 cell lysate



2Hum. Adult Placenta; Host: Rabbit; Target Name: SERPINA3; Sample Tissue: Human Adult Placenta; Antibody Dilution: 1.0 ug/ml



3Hum. Fetal Brain; Host: Rabbit; Target Name: NOP56; Sample Tissue: Human Fetal Brain; Antibody Dilution: 1.0 ug/ml