

## Product datasheet for **TA366483**

### PDXK Rabbit Polyclonal Antibody

#### Product data:

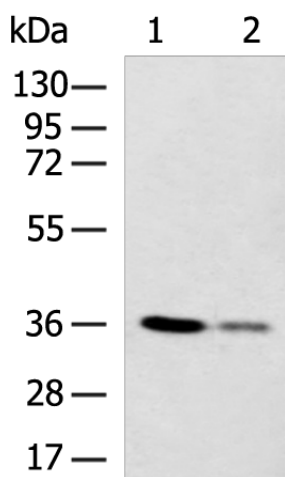
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1000-5000 WB positive control: Mouse brain tissue, MCF-7 cell lysates IHC: 50-200 Positive control: Human prostate cancer Predicted cell location: Cytoplasm and Nucleus
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human PDXK
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	35 kDa
Gene Name:	pyridoxal (pyridoxine, vitamin B6) kinase
Database Link:	<a href="#">Entrez Gene 8566 Human</a> <a href="#">O00764</a>
Background:	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.



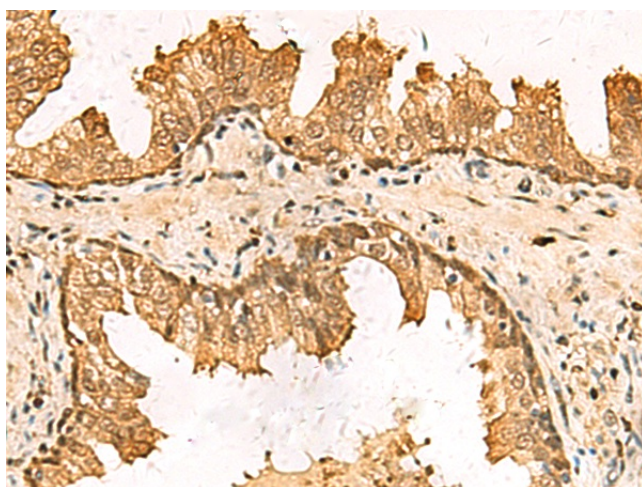
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**Synonyms:** C21orf97; C21orf124; DKFZp566A071; FLJ21324; FLJ31940; FLJ37311; MGC15873; MGC31754; MGC52346; PKH; PNK; PRED79

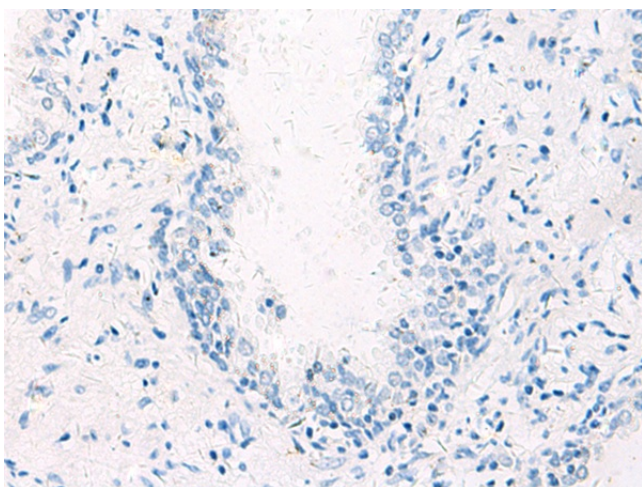
**Product images:**



Gel: 8%SDS-PAGE  
 Lysate: 40 µg  
 Lane 1-2: Mouse brain tissue  
 MCF-7 cell lysates  
 Primary antibody: TA366483 (PDXK Antibody) at dilution 1/2000  
 Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution  
 Exposure time: 20 seconds



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using TA366483 (PDXK Antibody) at dilution 1/75 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using TA366483 (PDXK Antibody) at dilution 1/75, treated with fusion protein. (Original magnification: ×200)