

## ARG40976 anti-PDXK antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody recognizes PDXK
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Mouse
Clonality	Monoclonal
Clone	1007CT2.1.1
Isotype	IgG1, kappa
Target Name	PDXK
Species	Human
Immunogen	Recombinant protein between aa. 1-312 of Human PDXK.
Conjugation	Un-conjugated
Alternate Names	HEL-S-1a; C21orf97; EC 2.7.1.35; C21orf124; PRED79; PNK; Pyridoxine kinase; PKH; Pyridoxal kinase

### Application Instructions

Application table	Application	Dilution
	IHC-P	1:25
	WB	1:4000
Application Note	IHC-P: Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	293	
Observed Size	35 kDa	

### Properties

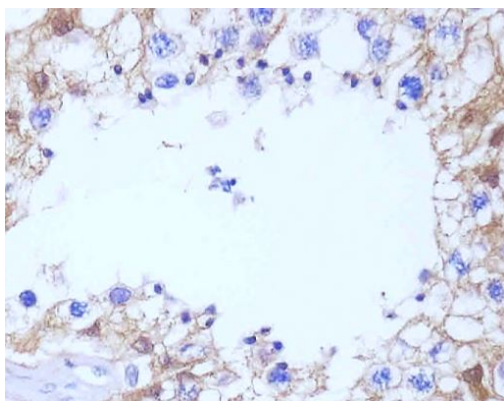
Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS and 0.09% (W/V) Sodium azide.
Preservative	0.09% (W/V) Sodium azide.
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

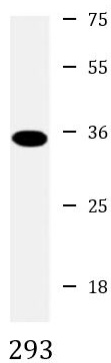
Gene Symbol	PDXK
Gene Full Name	pyridoxal (pyridoxine, vitamin B6) kinase
Background	The protein encoded by this gene phosphorylates vitamin B6, a step required for the conversion of vitamin B6 to pyridoxal-5-phosphate, an important cofactor in intermediary metabolism. The encoded protein is cytoplasmic and probably acts as a homodimer. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq, Jul 2008]
Function	Required for synthesis of pyridoxal-5-phosphate from vitamin B6. [UniProt]
Calculated Mw	35 kDa
Cellular Localization	Cytoplasm. [UniProt]

## Images



ARG40976 anti-PDXK antibody IHC-P image

Immunohistochemistry: Paraformaldehyde-fixed and paraffin-embedded Human testis tissue. Tissue was blocked with 3% BSA for 0.5 hour at room temperature. Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0). Samples were stained with ARG40976 anti-PDXK antibody at 1:25 dilution for 1 hours at 37°C.



ARG40976 anti-PDXK antibody WB image

Western blot: 20 µg of 293 cell lysate stained with ARG40976 anti-PDXK antibody at 1:4000 dilution.