

ARG41034 anti-PDXK antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PDXK
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PDXK
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-312 of Human PDXK (NP_003672.1).
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
	ICC/IF	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa	
Observed Size	37 kDa	

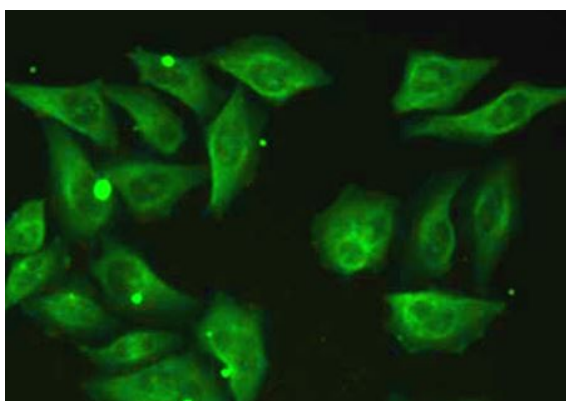
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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. 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

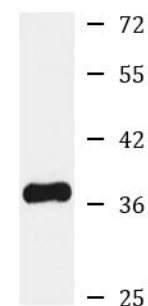
Gene Symbol	PDXK
Gene Full Name	pyridoxal (pyridoxine, vitamin B6) kinase
Background	The protein encoded by this gene phosphorylates vitamin B6, a step required for the conversion of vitamin B6 to pyridoxal-5-phosphate, an important cofactor in intermediary metabolism. The encoded protein is cytoplasmic 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



ARG41034 anti-PDXK antibody ICC/IF image

Immunofluorescence: U2OS cells stained with ARG41034 anti-PDXK antibody.



HeLa

ARG41034 anti-PDXK antibody WB image

Western blot: 25 µg of HeLa cell lysate stained with ARG41034 anti-PDXK antibody at 1:1000 dilution.