

Rabbit anti-Human PDXK Polyclonal Antibody | anti-PDXK antibody

PDXK antibody

CATALOG # AAA304896	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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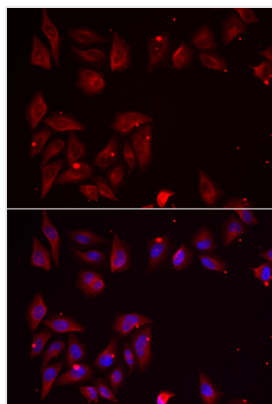
PRODUCT SYNONYMS

PDXK; Polyclonal Antibody; PDXK antibody; PKH; PNK; PRED79; C21orf97; HEL-S-1a; C21orf124; anti-PDXK antibody

PRODUCT SPECIFICATIONS

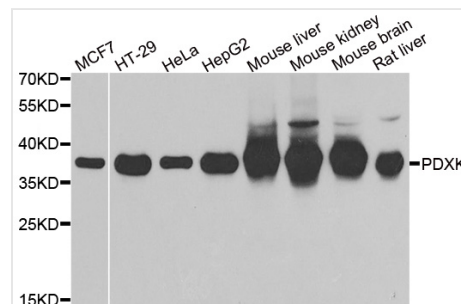
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total PDXK antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	312
Applicable Applications for anti-PDXK antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human PDXK.
Target Name	PDXK
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using PDXK antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PDXK antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PDXK antibody	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.
Product Categories/Family for anti-PDXK antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505701
NCBI GeneID	8566
NCBI Accession #	NP_003672.1
NCBI GenBank Nucleotide #	NM_003681.4
UniProt Accession #	O00764; Q7Z2Y0; Q9BS02
Molecular Weight	26,827 Da
NCBI Official Full Name	pyridoxal kinase
NCBI Official Synonym Full Names	pyridoxal (pyridoxine, vitamin B6) kinase
NCBI Official Symbol	PDXK
NCBI Official Synonym Symbols	PKH; PNK; PRED79; C21orf97; HEL-S-1a; C21orf124
NCBI Protein Information	pyridoxal kinase
UniProt Protein Name	Pyridoxal kinase
UniProt Gene Name	PDXK
UniProt Synonym Gene Names	C21orf124; C21orf97; PKH; PNK
UniProt Entry Name	PDXK_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.