

Rabbit PDXK Polyclonal Antibody | anti-PDXK antibody

(KO Validated) PDXK Polyclonal Antibody

CATALOG # AAA179354	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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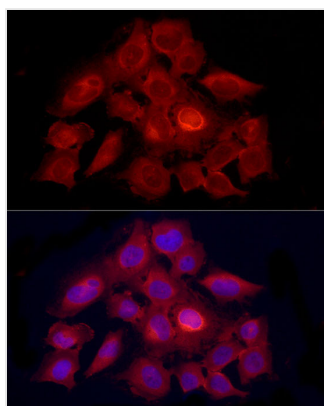
PRODUCT SYNONYMS

PDXK; Polyclonal Antibody; (KO Validated) PDXK Polyclonal Antibody; C21orf124; C21orf97; HEL-S-1a; PKH; PNK; PRED79; pyridoxal kinase; anti-PDXK antibody

PRODUCT SPECIFICATIONS

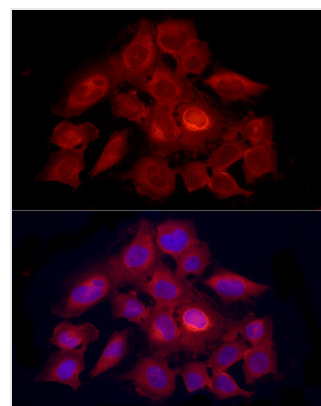
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-PDXK antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human PDXK
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



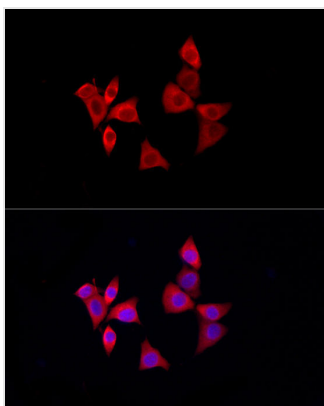
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa using PDXK Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



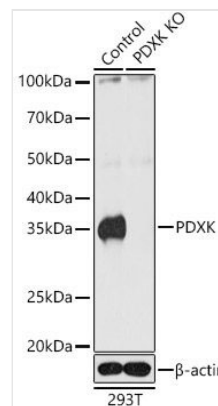
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa using PDXK Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of NIH-3T3 using PDXK Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts from normal (control) and PDXK knockout (KO) 293T cells, using PDXK Polyclonal Antibody at 1:1000 dilution.

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	Antibodies ; Primary Antibodies ; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	13543317
NCBI GeneID	8566
UniProt Accession #	O00764 ; Q7Z2Y0 ; Q9BS02
Molecular Weight	35,102 Da
NCBI Official Full Name	PDXK protein
NCBI Official Synonym Full Names	pyridoxal (pyridoxine, vitamin B6) kinase
NCBI Official Symbol	PDXK
NCBI Official Synonym Symbols	PKH; PNK; PRED79; C21orf97; C21orf124
NCBI Protein Information	pyridoxal kinase; pyridoxine kinase; vitamin B6 kinase; pyridoxamine 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pdxk-antibody-immunofluorescence-western-blot-elisa/179354>