# Rabbit PDXK Polyclonal Antibody | anti-PDXK antibody

PDXK Polyclonal Antibody

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA279568** | **Rabbit** | **Human, Mouse, Rat** | **Immunofluorescence, Immunohistochemistry, Western Blot** |

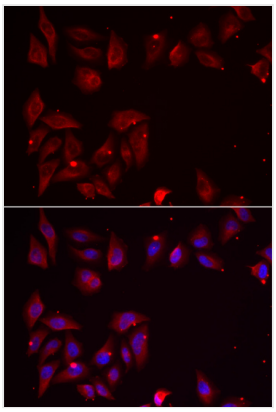
## PRODUCT SYNONYMS

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

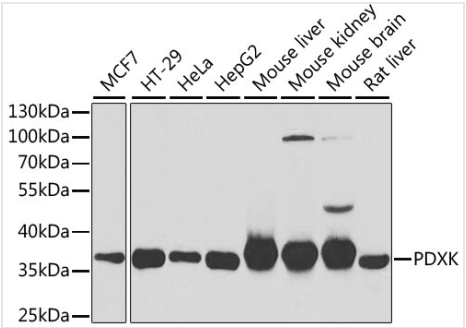
## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse, Rat |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Purity/Purification** | Affinity Purification |
| **Concentration** | 1mg/ml (varies by lot) |
| **Sequence Length** | 312 |
| **Applicable Applications for anti-PDXK antibody** | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot) |
| **Species** | Human |
| **Immunogen** | Recombinant Protein |
| **Immunogen** | Recombinant protein of human PDXK |
| **Calculated Molecular Weight** | 35kDa |
| **Preparation and Storage** | Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |

## IMAGES



**IF (Immunofluorescence)**
Immunofluorescence analysis of U2OS cells using PDXK antibody. Blue: DAPI for nuclear staining.




**WB (Western Blot)**
Western blot analysis of extracts of various cell lines, using PDXK antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 15s.

## ADDITIONAL INFORMATION

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|---|---|
| **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** | Polyclonal |

## NCBI AND UNIPROT INFORMATION

| | |
|---|---|
| **NCBI GI #** | 2811007 |
| **NCBI GeneID** | 8566 |
| **UniProt Accession #** | O00764; Q7Z2Y0; Q9BS02 |
| **Molecular Weight** | 312 |
| **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; pyridoxine kinase; vitamin B6 kinase; pyridoxamine kinase; epididymis secretory sperm binding protein Li 1a |
| **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://www.aaabiotech.com/polyclonal/pdxk-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/279568