

Rabbit PDXK Polyclonal Antibody | anti-PDXK antibody

PDXK antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200307	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep	Immunohistochemistry, Western Blot

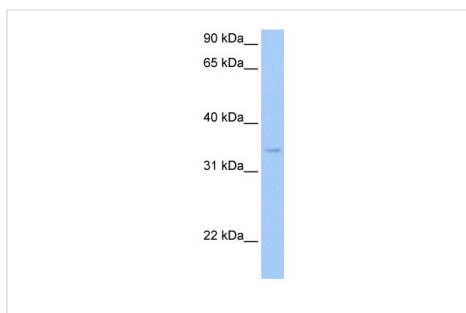
PRODUCT SYNONYMS

PDXK; Polyclonal Antibody; PDXK antibody - N-terminal region; anti-PDXK antibody

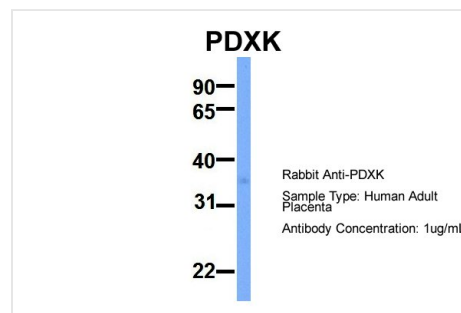
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: PL QVLGFEIDAV NSVQFSNHTG YAHWKGQVLN SDELQELYEG LRLNNMNK
Sequence Length	312
Applicable Applications for anti-PDXK antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 93%; Guinea Pig: 92%; Horse: 93%; Human: 100%; Mouse: 79%; Rabbit: 86%; Rat: 92%; Sheep: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PDXK
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

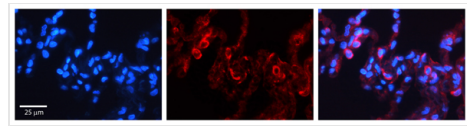
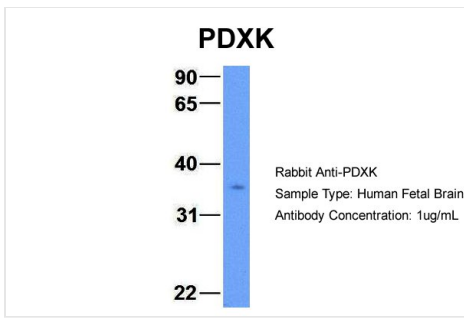
IMAGES


WB (Western Blot)

WB Suggested Anti-PDXK Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate


WB (Western Blot)

Host: Rabbit Target Name: SERPINA3 Sample Type: Human Adult Placenta Antibody Dilution: 1.0ug/ml

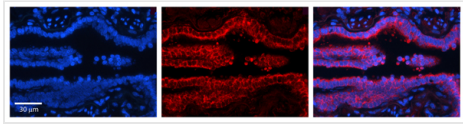


IHC (Immunohistochemistry)

PDXK antibody - N-terminal region
Formalin Fixed Paraffin Embedded Tissue: Human Lung Tissue
Observed Staining: Cytoplasm of pneumocytes
Primary Antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

WB (Western Blot)

Host: Rabbit
Target Name: NOP56
Sample Type: Human Fetal Brain
Antibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)

PDXK antibody - N-terminal region
Formalin Fixed Paraffin Embedded Tissue: Human Bronchial Epithelial Tissue
Observed Staining: Cytoplasm in Human Bronchial Epithelial Tissue
Primary Antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-PDXK antibody	This is a rabbit polyclonal antibody against PDXK. It was validated on Western Blot using a cell lysate as a positive control. Target Description: PDXK phosphorylates vitamin B6, a step required for the conversion of vitamin B6 to pyridoxal-5-phosphate, an important cofactor in intermediary metabolism. PDXK is cytoplasmic and probably acts as a homodimer. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-PDXK antibody	Polyclonal; Drugs and Drug Metabolism; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505701
NCBI GeneID	8566
NCBI Accession #	NP_003672
NCBI GenBank Nucleotide #	NM_003681
UniProt Accession #	O00764
Molecular Weight	34kDa
NCBI Official Full Name	pyridoxal kinase isoform 1
NCBI Official Synonym Full Names	pyridoxal 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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/pdxk-antibody-immunohistochemistry-western-blot-elisa/200307>