

Rabbit PDK2 Polyclonal Antibody | anti-PDK2 antibody

PDK2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197223	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

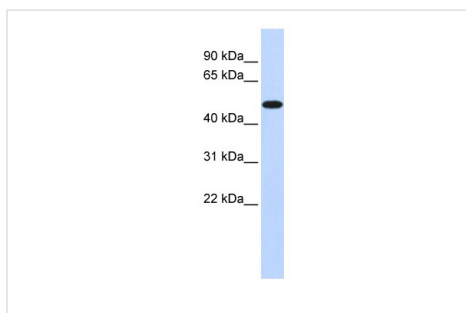
PRODUCT SYNONYMS

PDK2; Polyclonal Antibody; PDK2 antibody - middle region; anti-PDK2 antibody

PRODUCT SPECIFICATIONS

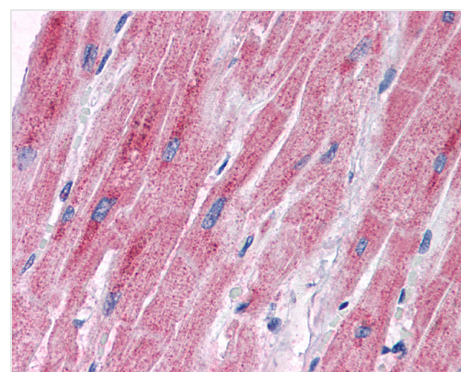
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: EL FKNAMRATVE SHESSLILPP IKVMVALGEE DLSIKMSDRG GGVPLRKI
Sequence Length	407
Applicable Applications for anti-PDK2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 77%; Dog: 92%; Guinea Pig: 92%; Horse: 92%; Human: 100%; Mouse: 92%; Rabbit: 92%; Rat: 92%; Zebrafish: 77%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PDK2
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-PDK2 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:12500
 Positive Control: 293T cell lysate
 PDK2 is supported by BioGPS gene expression data to be expressed in HEK293T



IHC (Immunohistochemistry)

Heart cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-PDK2 antibody	This is a rabbit polyclonal antibody against PDK2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: PDK2 inhibits the mitochondrial pyruvate dehydrogenase complex by phosphorylation of the E1 alpha subunit, thus contributing to the regulation of glucose metabolism.
Product Categories/Family for anti-PDK2 antibody	Polyclonal; Transcription Factor; Signal Proteins; Drugs and Drug Metabolism; Chromatin & Nuclear Signaling; Disease Related; DNA/RNA/Protein Interactions; Immunohistochemistry; Phosphorylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923736
NCBI GeneID	5164
NCBI Accession #	NP_002602
NCBI GenBank Nucleotide #	NM_002611
UniProt Accession #	Q15119
Molecular Weight	44kDa
NCBI Official Full Name	pyruvate dehydrogenase kinase, isozyme 2 isoform 1
NCBI Official Synonym Full Names	pyruvate dehydrogenase kinase 2
NCBI Official Symbol	PDK2
NCBI Official Synonym Symbols	PDHK2; PDKII
NCBI Protein Information	pyruvate dehydrogenase kinase, isozyme 2
UniProt Protein Name	[Pyruvate dehydrogenase [lipoamide]] kinase isozyme 2, mitochondrial
UniProt Gene Name	PDK2
UniProt Synonym Gene Names	PDHK2; PDH kinase 2; PDKII
UniProt Entry Name	PDK2_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/pdk2-antibody-western-blot-immunohistochemistry-elisa/197223>