

Rabbit PDK3 Polyclonal Antibody | anti-PDK3 antibody

PDK3 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199669	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish	Immunohistochemistry, Western Blot

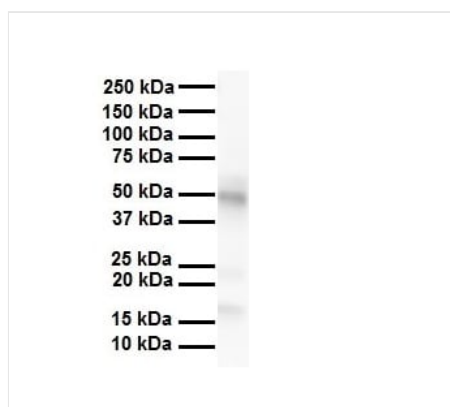
PRODUCT SYNONYMS

PDK3; Polyclonal Antibody; PDK3 antibody - N-terminal region; anti-PDK3 antibody

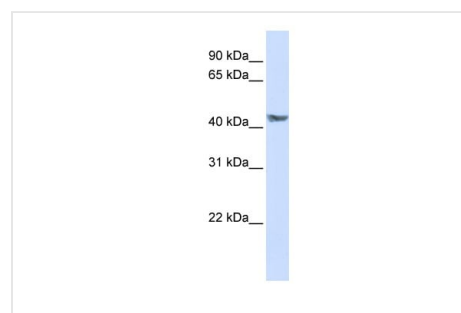
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, 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: RP SVGLVQSWYM QSFLELLEYE NKSPEDPQVL DNFLQVLIKV RNRHNDVV
Sequence Length	406
Applicable Applications for anti-PDK3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 85%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 75%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PDK3
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.

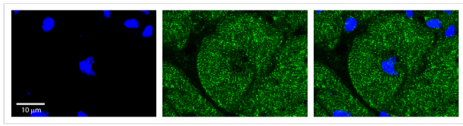
IMAGES


WB (Western Blot)

WB Suggested Anti-PDK3 antibody Titration: 1 ug/mL Sample Type: Human heart


WB (Western Blot)

WB Suggested Anti-PDK3 Antibody Titration: 0.2-1 ug/mL ELISA Titer: 1:312500 Positive Control: Transfected 293T



IHC (Immunohistochemistry)
 Rabbit Anti-PDK3 Antibody
 Formalin Fixed Paraffin Embedded Tissue: Human Adult heart
 Observed Staining: Cytoplasmic
 Primary Antibody Concentration: 1:100
 Secondary Antibody: Donkey anti-Rabbit-Cy2/3
 Secondary Antibody Concentration: 1:200
 Magnification: 20X
 Exposure Time: 0.5 - 2.0 sec
 Protocol located in Reviews and Data.

ADDITIONAL INFORMATION

Related Product Information for anti-PDK3 antibody	This is a rabbit polyclonal antibody against PDK3. It was validated on Western Blot using a cell lysate as a positive control. Target Description: PDK3 belongs to the PDK/BCKDK protein kinase family. It contains 1 histidine kinase domain. PDK3 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-PDK3 antibody	Polyclonal; Drugs and Drug Metabolism; Various; Phosphorylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885545
NCBI GeneID	5165
NCBI Accession #	NP_005382
NCBI GenBank Nucleotide #	NM_005391
UniProt Accession #	Q15120
Molecular Weight	47kDa
NCBI Official Full Name	pyruvate dehydrogenase kinase, isozyme 3 isoform 2
NCBI Official Synonym Full Names	pyruvate dehydrogenase kinase 3
NCBI Official Symbol	PDK3
NCBI Official Synonym Symbols	CMTX6; GS1-358P8.4
NCBI Protein Information	pyruvate dehydrogenase kinase, isozyme 3
UniProt Protein Name	[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 3, mitochondrial
UniProt Gene Name	PDK3
UniProt Synonym Gene Names	PDHK3
UniProt Entry Name	PDK3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://stage.aaabiotech.com/polyclonal/pdk3-antibody-immunohistochemistry-western-blot-elisa/199669>