

Rabbit anti-Human PDK3 Polyclonal Antibody | anti-PDK3 antibody

PDK3 Antibody (N-term)

CATALOG # AAA289682	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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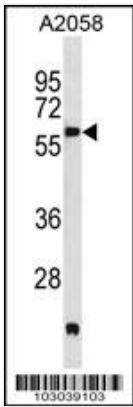
PRODUCT SYNONYMS

PDK3; Polyclonal Antibody; PDK3 Antibody (N-term); [Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 3; mitochondrial; Pyruvate dehydrogenase kinase isoform 3; PDHK3; anti-PDK3 antibody

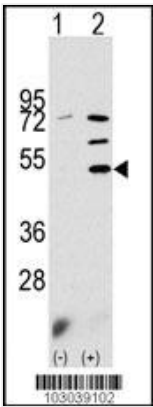
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PDK3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human PDK3.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	1-30
Sequence Length	415
Applicable Applications for anti-PDK3 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
PDK3 Antibody (M1) western blot analysis in A2058 cell line lysates (35ug/lane). This demonstrates the PDK3 antibody detected the PDK3 protein (arrow).



WB (Western Blot)
Western blot analysis of PDK3 (arrow) using rabbit polyclonal PDK3 Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the PDK3 gene (Lane 2) (Origene Technologies).

ADDITIONAL INFORMATION

Related Product Information for anti-PDK3 antibody	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	Metabolism; Signal Transduction
References	Baker, J.C., et al., J. Biol. Chem. 275(21):15773-15781 (2000). Gudi, R., et al., J. Biol. Chem. 270(48):28989-28994 (1995).

NCBI AND UNIPROT INFORMATION

NCBI GI #	215422338
NCBI GeneID	5165
NCBI Accession #	NP_001135858.1; NP_005382.1
NCBI GenBank Nucleotide #	NM_001142386.2
UniProt Accession #	Q15120; B4DXG6
Molecular Weight	46939
NCBI Official Full Name	pyruvate dehydrogenase kinase, isozyme 3 isoform 1
NCBI Official Synonym Full Names	pyruvate dehydrogenase kinase, isozyme 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.

