

Rabbit PDK3 Polyclonal Antibody | anti-PDK3 antibody

PDK3 Polyclonal Antibody

CATALOG # AAA311608	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	---

PRODUCT SYNONYMS

PDK3; Polyclonal Antibody; PDK3 Polyclonal Antibody; CMTX6; GS1-358P8.4; pyruvate dehydrogenase kinase 3; anti-PDK3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-PDK3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human PDK3 (NP_005382.1).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



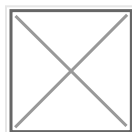
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded rat kidney using PDK3 antibody.



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded mouse lung using PDK3 antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PDK3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PDK3 antibody	The pyruvate dehydrogenase (PDH) complex is a nuclear-encoded mitochondrial multienzyme complex that catalyzes the overall conversion of pyruvate to acetyl-CoA and CO (2). It provides the primary link between glycolysis and the tricarboxylic acid (TCA) cycle, and thus is one of the major enzymes responsible for the regulation of glucose metabolism. The enzymatic activity of PDH is regulated by a phosphorylation/dephosphorylation cycle, and phosphorylation results in inactivation of PDH. The protein encoded by this gene is one of the three pyruvate dehydrogenase kinases that inhibits the PDH complex by phosphorylation of the E1 alpha subunit. This gene is predominantly expressed in the heart and skeletal muscles. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-PDK3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885545
NCBI GeneID	5165
NCBI Accession #	NP_005382.1
NCBI GenBank Nucleotide #	NM_005391.4
UniProt Accession #	Q15120; B4DXG6
Molecular Weight	46,939 Da
NCBI Official Full Name	pyruvate dehydrogenase kinase, isozyme 3 isoform 2
NCBI Official Synonym Full Names	pyruvate dehydrogenase kinase, isozyme 3
NCBI Official Symbol	PDK3
NCBI Official Synonym Symbols	CMTX6
NCBI Protein Information	pyruvate dehydrogenase kinase, isozyme 3; pyruvate dehydrogenase kinase, isoenzyme 3; pyruvate dehydrogenase, lipoamide, kinase isozyme 3, mitochondrial
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/311608>