

Rabbit PDK1 Polyclonal Antibody | anti-PDK1 antibody

Rabbit Polyclonal to Human PDK1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51481	Rabbit	Dog, Human, Monkey, Mouse, Pig, Rabbit, Rat	Western Blot, Immunohistochemistry

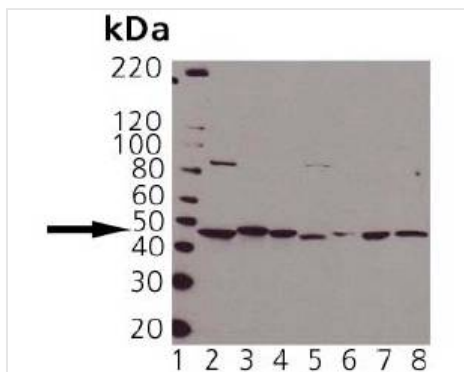
PRODUCT SYNONYMS

PDK1; Polyclonal Antibody; Rabbit Polyclonal to Human PDK1; Anti-PDK1 Antibody IHC-plus; PDHK; PDH kinase 1; PDHK1; Human PDK1; anti-PDK1 antibody

PRODUCT SPECIFICATIONS

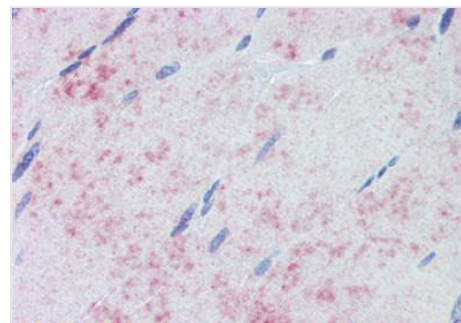
Host	Rabbit
Reactivity	Dog, Human, Monkey, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A Purified
Form/Format	PBS, 0.09% azide, 50% glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	436
Applicable Applications for anti-PDK1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide derived from the sequence of human PDK1, conjugated to KLH.
Immunogen Type	Synthetic peptide - KLH conjugated
Immunogen	PDK1 antibody was raised against synthetic peptide derived from the sequence of human PDK1, conjugated to KLH.
Preparation and Storage	Store at -20 degree C.

IMAGES



WB (Western Blot)

Western blot of PDK1: Lane 1: MWM, Lane 2: HeLa, Lane 3: Rat Brain, Lane 4: Mouse Brain, Lane 5: Vero, Lane 6: ESK-4, Lane 7: RK-13, Lane 8: MDCK



IHC (Immunohistochemistry)

Anti-PDK1 antibody IHC of human skeletal muscle. human. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-PDK1 antibody	PDK1 belongs to the PDK/BCKDK protein kinase subfamily. PDK1 contributes to the regulation of glucose metabolism by inhibiting the mitochondrial pyruvate dehydrogenase complex by phosphorylating the E1 alpha subunit.
Product Categories/Family for anti-PDK1 antibody	Family: Protein Kinase; Subfamily: PDK/BCKDK

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505689
NCBI GeneID	5163
NCBI Accession #	NP_002601.1
NCBI GenBank Nucleotide #	NM_002610.4
UniProt Accession #	Q15118; Q308M4; B2R6T1; B7Z937; D3DPD8; E9PD65
Molecular Weight	51,623 Da
NCBI Official Full Name	[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 1, mitochondrial isoform 2
NCBI Official Synonym Full Names	pyruvate dehydrogenase kinase, isozyme 1
NCBI Official Symbol	PDK1
NCBI Protein Information	[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 1, mitochondrial; [Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 1, mitochondrial; PDH kinase 1; pyruvate dehydrogenase kinase, isoenzyme 1; mitochondrial pyruvate dehydrogenase, lipoamide, kinase isoenzyme 1
UniProt Protein Name	[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 1, mitochondrial
UniProt Gene Name	PDK1
UniProt Synonym Gene Names	PDHK1; PDH kinase 1
UniProt Entry Name	PDK1_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://stage.aaabiotech.com/polyclonal/pdk1-antibody-western-blot-immunohistochemistry-elisa/51481>