

Rabbit PDK1 Polyclonal Antibody | anti-PDK1 antibody

PDK1 Rabbit Polyclonal Antibody

CATALOG # AAA318693	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot
-------------------------------	-----------------------	--	--

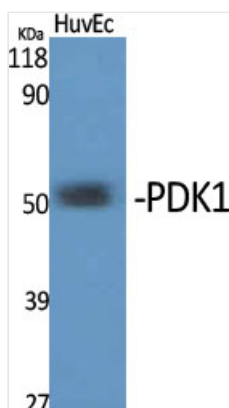
PRODUCT SYNONYMS

PDK1; Polyclonal Antibody; PDK1 Rabbit Polyclonal Antibody; PDHK1; [Pyruvate dehydrogenase [lipoamide]] kinase isozyme 1; mitochondrial; Pyruvate dehydrogenase kinase isoform 1; BH6842; [Pyruvate dehydrogenase [lipoamide]] kinase isozyme 1 mitochondrial; anti-PDK1 antibody

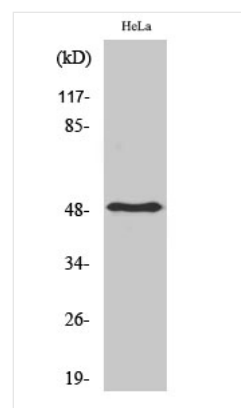
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	PDK1 Polyclonal Antibody detects endogenous levels of PDK1 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-PDK1 antibody	ELISA, WB (Western Blot)
Immunogen	Synthesized peptide derived from PDK1. at AA range: 80-160
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES


WB (Western Blot)

Western Blot analysis of various cells using PDK1 Polyclonal Antibody


WB (Western Blot)

Western Blot analysis of HeLa cells using PDK1 Polyclonal Antibody

ADDITIONAL INFORMATION

Related Product Information for anti-PDK1 antibody	Pyruvate dehydrogenase (PDH) is a mitochondrial multienzyme complex that catalyzes the oxidative decarboxylation of pyruvate and is one of the major enzymes responsible for the regulation of homeostasis of carbohydrate fuels in mammals. The enzymatic activity is regulated by a phosphorylation/dephosphorylation cycle. Phosphorylation of PDH by a specific pyruvate dehydrogenase kinase (PDK) results in inactivation. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jun 2013]
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505689
NCBI GeneID	5163
NCBI Accession #	NP_002601.1
NCBI GenBank Nucleotide #	NM_002610.4
UniProt Accession #	Q15118; B2R6T1; D3DPD8
Molecular Weight	49,244 Da
NCBI Official Full Name	pyruvate dehydrogenase kinase, isozyme 1 isoform 2
NCBI Official Synonym Full Names	pyruvate dehydrogenase kinase, isozyme 1
NCBI Official Symbol	PDK1
NCBI Protein Information	pyruvate dehydrogenase kinase, isozyme 1; PDH kinase 1; pyruvate dehydrogenase kinase, isoenzyme 1; mitochondrial pyruvate dehydrogenase, lipoamide, kinase isoenzyme 1
UniProt Protein Name	[Pyruvate dehydrogenase [lipoamide]] 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/pdk1-antibody-western-blot-elisa/318693>