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Datasheet

PDK1 polyclonal antibody (HRP)

Catalog Number: PAB15328

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of PDK1.

Immunogen: A synthetic peptide corresponding to amino acids 350-436 of human PDK1.

Host: Rabbit

Reactivity: Human

Applications: WB
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Specificity: This antibody reacts with human. No other species have been tested. The immunogen used for this antibody production has 100% homology with mouse and rat PDK1 protein. This is specific to PDK1. By Western blot a band is seen at ~49 KDa, representing PDK1 protein. There are also two higher and one lower non-specific molecular weight bands.

Form: Liquid

Conjugation: HRP

Recommend Usage: Western Blot (2 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS

Storage Instruction: Store at 4°C. Do not freeze.

Entrez GeneID: 5163

Gene Symbol: PDK1

Gene Alias: -

Gene Summary: 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. [provided by RefSeq]