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Anti-Human/Mouse/Rat PDK1 Polyclonal Antibody

多克隆抗体

产品货号: PA05539

第三版

描述: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. PDK1 (Pyruvate Dehydrogenase Kinase 1) is a Protein Coding gene. Diseases associated with PDK1 include Chronic Mountain Sickness. Among its related pathways are Development EPO-induced Jak-STAT pathway and PI3K-AKT-mTOR signaling pathway and therapeutic opportunities. GO annotations related to this gene include protein kinase activity and pyruvate dehydrogenase (acetyl-transferring) kinase activity. An important paralog of this gene is PDK2.

抗原:Synthesized peptide derived from the Internal region of human PDK1

配方:

如何使用:加1ml超纯水重溶

稳定性: -20 ° C保存条件下，冻干粉,保质期为五年；液体，保质期为两年。

稀释液:PBS (pH7.4) ， 1% BSA

应用:WB 1 ~ 5 μ g/ml.

特异性:Expressed predominantly in the heart.