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Anti-Human GK1/3 Polyclonal Antibody

多克隆抗体

产品货号: PA04201

第三版

描述:The protein encoded by GK belongs to the FGGY kinase family. This protein is a key enzyme in the regulation of glycerol uptake and metabolism. It catalyzes the phosphorylation of glycerol by ATP, yielding ADP and glycerol-3-phosphate. Mutations in this gene are associated with glycerol kinase deficiency (GKD). Alternatively spliced transcript variants encoding different isoforms have been found for this gene. GK (Glycerol Kinase) is a Protein Coding gene. Diseases associated with GK include Glycerol Kinase Deficiency and Glycerol Kinase Deficiency, Adult Form. Among its related pathways are triacylglycerol biosynthesis and Glycerophospholipid Biosynthetic Pathway. GO annotations related to this gene include kinase activity and glycerol kinase activity. An important paralog of this gene is GK3P. GK3P (Glycerol Kinase 3 Pseudogene) is a Pseudogene. An important paralog of this gene is GK.

抗原:Synthesized peptide derived from the N-terminal region of human GK1/3

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:Highly expressed in the liver, kidney and testis. Isoform 2 and isoform 3 are expressed specifically in testis and fetal liver, but not in the adult liver.