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PDK1 (YD31435) Rabbit mAb

货号: AYD13770

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB
推荐浓度	**WB: 1:1000-1:5000:** **IP: 1:10-1:100:**
理论分子量	49kDa
实测分子量	49 kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HepG2,Mouse brain,Mouse heart,Rat heart
细胞定位	Mitochondrion matrix
纯化	亲和纯化

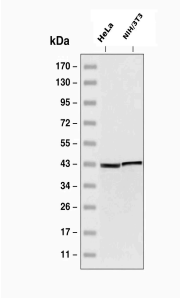
抗原信息

抗原信息	

靶点信息

研究背景	Pyruvate dehydrogenase (PDH) is a mitochondrial multienzyme complex that catalyzes the oxidative dec arboxylation of pyruvate and is one of the major enzymes responsible for the regulation of homeostasis o f carbohydrate fuels in mammals. The enzymatic activity is regulated by a phosphorylation/dephosphoryl ation cycle. Phosphorylation of PDH by a specific pyruvate dehydrogenase kinase (PDK) results in inactiva tion. Multiple alternatively spliced transcript variants have been found for this gene.
基因ID	5163
基因名	PDK1
Swiss	Q15118 (https://www.uniprot.org/uniprotkb/Q15118/entry)
别名	PDK1 (YD31435),PDK1 (YD31435) Rabbit mAb,PDK1,Pyruvate dehydrogenase kinase isoform 1,PDHK1

产品验证



Western blot analysis of PDK1 expressed inHeLa，NIH/3T3 cell using PDK1 Rabbit mAb at 1:1000. Second ary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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