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GPD2 Rabbit pAb

货号: **AYP17598**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200
理论分子量	67kDa/80kDa
实测分子量	81kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	THP-1,Mouse skeletal muscle
细胞定位	Mitochondrion
纯化	Affinity purification

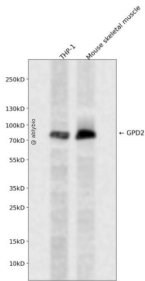
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 25-325 of human GPD2 (NP_000399.3).
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靶点信息

研究背景	The protein encoded by this gene localizes to the inner mitochondrial membrane and catalyzes the conversion of glycerol-3-phosphate to dihydroxyacetone phosphate, using FAD as a cofactor. Along with GDP1, the encoded protein constitutes the glycerol phosphate shuttle, which reoxidizes NADH formed during glycolysis. Two transcript variants encoding the same protein have been found for this gene.
基因ID	2820
基因名	GPD2
Swiss	P43304 (https://www.uniprot.org/uniprotkb/P43304/entry)
别名	GPD2,GDH2,GPDM,mGPDH,GPD2 Rabbit pAb,mitochondrial glycerophosphate dehydrogenase gene,mtGPD

产品验证



Western blot analysis of GPD2 expressed in THP-1, Mouse skeletal muscle using GPD2 Rabbit pAb at 1:1000. Secondary 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

访问官网浏览详情: www.ablybio.cn (<https://www.ablybio.cn/www.ablybio.cn>)