

产品名称: GPDA Rabbit Polyclonal Antibody
产品货号: APRab11608



产品概述 (Summary)

产品名称 (Production Name)	GPDA Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	GPD1
别名 (Alternative Names)	
基因 ID (Gene ID)	2819.0
蛋白 ID (SwissProt ID)	P21695.Synthesized peptide derived from human protein . at AA range: 210-290

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	38kDa

研究背景 (Background)

This gene encodes a member of the NAD-dependent glycerol-3-phosphate dehydrogenase family. The encoded protein

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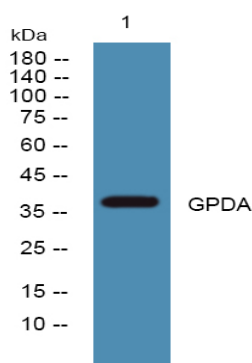


plays a critical role in carbohydrate and lipid metabolism by catalyzing the reversible conversion of dihydroxyacetone phosphate (DHAP) and reduced nicotinic adenine dinucleotide (NADH) to glycerol-3-phosphate (G3P) and NAD⁺. The encoded cytosolic protein and mitochondrial glycerol-3-phosphate dehydrogenase also form a glycerol phosphate shuttle that facilitates the transfer of reducing equivalents from the cytosol to mitochondria. Mutations in this gene are a cause of transient infantile hypertriglyceridemia. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Mar 2012], catalytic activity: sn-glycerol 3-phosphate + NAD(+) = glycerone phosphate + NADH., enzyme regulation: Inhibited by zinc ions and sulfate., similarity: Belongs to the NAD-dependent glycerol-3-phosphate dehydrogenase family., subunit: Homodimer.,

研究领域 (Research Area)

Glycerophospholipid metabolism;

图片 (Image Data)



Western blot analysis of lysates from HCT116 cells, primary antibody was diluted at 1:1000, 4° over night

注意事项 (Note)

For research use only .