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Phospho-Pyruvate Dehydrogenase E1-alpha subunit (Ser293) (YD14223) Rabbit mAb

货号: AYD13987

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC-P IP
推荐浓度	
理论分子量	43kDa
实测分子量	
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	HepG2,293T,HeLa,NIH/3T3,Neuro-2a,PC-12
细胞定位	Mitochondrion matrix
纯化	亲和纯化

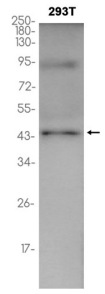
抗原信息

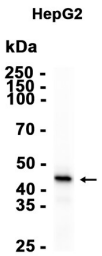
抗原信息	

靶点信息

研究背景	The pyruvate dehydrogenase (PDH) complex is a nuclear-encoded mitochondrial multienzyme complex th at catalyzes the overall conversion of pyruvate to acetyl-CoA and CO(2), and provides the primary link be tween glycolysis and the tricarboxylic acid (TCA) cycle. The PDH complex is composed of multiple copies of three enzymatic components: pyruvate dehydrogenase (E1), dihydrolipoamide acetyltransferase (E2) a nd lipoamide dehydrogenase (E3). The E1 enzyme is a heterotetramer of two alpha and two beta subunit s. This gene encodes the E1 alpha 1 subunit containing the E1 active site, and plays a key role in the func tion of the PDH complex. Mutations in this gene are associated with pyruvate dehydrogenase E1-alpha de ficiency and X-linked Leigh syndrome. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
基因ID	5160
基因名	PDHA1
Swiss	P08559 (https://www.uniprot.org/uniprotkb/P08559/entry)
别名	Phospho-Pyruvate Dehydrogenase E1-alpha subunit (Ser293) (YD14223),Phospho-Pyruvate Dehydrogena se E1-alpha subunit (Ser293) (YD14223) Rabbit mAb,PDHA1,PDHE1-A type I,PHE1A

产品验证





实验步骤

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