

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°C. 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	

抗原信息

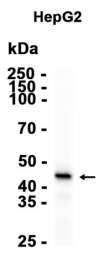
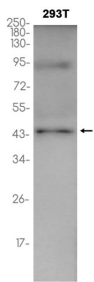
抗原信息	
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靶点信息

研究背景	<p>The pyruvate dehydrogenase (PDH) complex is a nuclear-encoded mitochondrial multienzyme complex that catalyzes the overall conversion of pyruvate to acetyl-CoA and CO₂, and provides the primary link between 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) and lipoamide dehydrogenase (E3). The E1 enzyme is a heterotetramer of two alpha and two beta subunits. This gene encodes the E1 alpha 1 subunit containing the E1 active site, and plays a key role in the function of the PDH complex. Mutations in this gene are associated with pyruvate dehydrogenase E1-alpha deficiency and X-linked Leigh syndrome. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.</p>
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基因ID	5160
基因名	PDHA1
Swiss	P08559
别名	Phospho-Pyruvate Dehydrogenase E1-alpha subunit (Ser293) (YD14223)

产品验证



实验步骤

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