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Phospho-PDHA1-S293 Rabbit pAb

货号: AYP22886

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	**WB:** 1:500 - 1:1000
理论分子量	40kDa
实测分子量	43KDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T,NIH/3T3
细胞定位	Mitochondrion matrix
纯化	Affinity purification

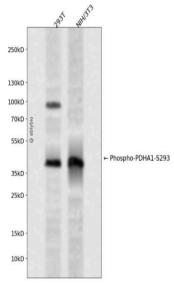
抗原信息

抗原信息	A synthetic phosphorylated peptide around S293 of human PDHA1 (NP_000275.1).

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.[provided by RefSeq, Mar 2010]
基因ID	5160
基因名	PDHA1
Swiss	P08559 (https://www.uniprot.org/uniprotkb/P08559/entry)
别名	PDHA,PDHAD,PDHCE1A,PHE1A,Phospho-PDHA1-S293 Rabbit pAb,PDHA1,PDHE1-A type I

产品验证



Western blot analysis of Phospho-PDHA1-S293 expressed in 293T,NIH/3T3 using Phospho-PDHA1-S293 Ra bbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30u g per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120 s.

实验步骤

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