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# Phospho-PDHA1 (S293) Rabbit mAb

货号: **AYM28673**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IP
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>IP:</b> 1:20 - 1:50
理论分子量	40kDa/43kDa/44kDa/47kDa
实测分子量	40kDa
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	Affinity purification

## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Phospho-PDHA1 (S293).
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## 靶点信息

研究背景	The pyruvate dehydrogenase (PDH) complex is a nuclear-encoded mitochondrial multienzyme complex that catalyzes the overall conversion of pyruvate to acetyl-CoA and CO <sub>2</sub> , 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.
基因ID	5160
基因名	PDHA1
Swiss	P08559 ( <a href="https://www.uniprot.org/uniprotkb/P08559/entry">https://www.uniprot.org/uniprotkb/P08559/entry</a> )
别名	Phospho-PDHA1 (S293), Phospho-PDHA1 (S293) Rabbit mAb, PDHA1, PDHE1-A type I, PHE1A

## 产品验证

