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# Phospho-PDHA1 (S293) Rabbit mAb

**货号: AYM28673**

## 产品信息

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|---|---|
| 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 | **WB:** 1:500 - 1:2000<br>**IHC:** 1:50 - 1:200<br>**IP:** 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℃. Avoid freeze / thaw cycles.<br>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 |

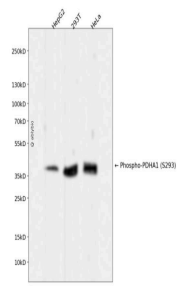
## 抗原信息

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

## 靶点信息

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| 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-PDHA1 (S293),Phospho-PDHA1 (S293) Rabbit mAb,PDHA1,PDHE1-A type I,PHE1A |

## 产品验证




Western blot analysis of Phospho-PDHA1 (S293) expressed in HepG2,293T,HeLa using Phospho-PDHA1 (S 293) Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/prote ins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure ti me: 120s.

## 实验步骤

访问官网浏览详情: www.ablybio.cn (https://www.ablybio.cn//www.ablybio.cn)