

# PDK3 Rabbit pAb

货号: **AYP16114**

## 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  | <b>WB:</b> 1:500 - 1:2000  |
| 理论分子量 | 46kDa/48kDa  |
| 实测分子量 | 47kDa  |
| 形式    | Liquid   |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| 偶联物   | Unconjugated   |
| 阳性对照  | Mouse kidney,Mouse brain,Mouse spleen,Rat brain  |
| 细胞定位  | Mitochondrion matrix   |
| 纯化    | Affinity purification  |

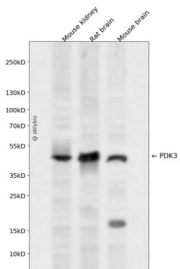
## 抗原信息

|      |   |
|------|---|
| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 137-406 of human PDK3 (NP_005382.1).  |
| 序列   | FGFDPFISTNIQYFLDRFYTNRISFRMLINQHTLLFGGDTNPVHPKHIGSIDPFCNVADVVKDAYETAKMLCEQYYLVAPELEVEEFNAKAPDKPIQVVYVPSHLFHLFELFKNSMRATVELYEDRKEGYPAVKTLVTLGKEDLSIKISDLGGGVPLRKIDRLFN<br>YMYSTAPRPSLEPTRAAPLAGFGYGLPISRLYARYFQGDLLKLYSMEGVGTDAVIYKALSSSEFERLPVFNKSAWRHYKTP<br>EADDWSNPSEPRDASKYKAKQ |

## 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> . It provides the primary link between glycolysis and the tricarboxylic acid (TCA) cycle, and thus is one of the major enzymes responsible for the regulation of glucose metabolism. The enzymatic activity of PDH is regulated by a phosphorylation/dephosphorylation cycle, and phosphorylation results in inactivation of PDH. The protein encoded by this gene is one of the three pyruvate dehydrogenase kinases that inhibits the PDH complex by phosphorylation of the E1 alpha subunit. This gene is predominantly expressed in the heart and skeletal muscles. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. |
| 基因ID  | 5165   |
| 基因名   | PDK3   |
| Swiss | Q15120   |
| 别名    | PDK3;CMTX6;GS1-358P8.4   |

## 产品验证



Western blot analysis of PDK3 expressed in Mouse kidney, Rat brain, Mouse brain using PDK3 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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