

# ATP5J2 Rabbit pAb

货号: **AYP20648**

## 产品信息

|       |  |
|-------|--|
| 反应    | 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 |  |
| 实测分子量 | 17kD   |
| 形式    | Liquid   |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.               |
| 偶联物   | Unconjugated   |
| 阳性对照  |  |
| 细胞定位  | mitochondrial inner membrane,mitochondrial proton-transporting ATP synthase complex,mitochondrion,nuclear membrane |
| 纯化    | Affinity purification  |

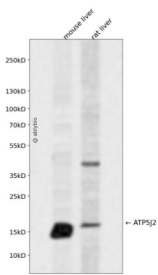
## 抗原信息

|      |   |
|------|---|
| 抗原信息 | A synthetic peptide corresponding to a sequence within amino acids 40-95 of human ATP5J2 (NP_004880.1). |
| 序列   | IFGAFQRGYYRYNKYINVKKGSISGITMVLACYVLFYSYSFSYKHLKHERLRKYH   |

## 靶点信息

|       |   |
|-------|---|
| 研究背景  | Mitochondrial ATP synthase catalyzes ATP synthesis, utilizing an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation. It is composed of two linked multi-subunit complexes: the soluble catalytic core, F1, and the membrane-spanning component, Fo, which comprises the proton channel. The catalytic portion of mitochondrial ATP synthase consists of five different subunits (alpha, beta, gamma, delta, and epsilon) assembled with a stoichiometry of 3 alpha, 3 beta, and single representatives of the gamma, delta, and epsilon subunits. The proton channel likely has nine subunits (a, b, c, d, e, f, g, F6 and 8). This gene encodes the f subunit of the Fo complex. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. This gene has multiple pseudogenes. Naturally occurring read-through transcription also exists between this gene and the downstream pentatricopeptide repeat domain 1 (PTCD1) gene. |
| 基因ID  | 9551  |
| 基因名   | ATP5J2  |
| Swiss | P56134  |
| 别名    | ATP5J2;ATP5JL   |

## 产品验证



Western blot analysis of ATP5J2 expressed in mouse liver, rat liver using ATP5J2 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

访问官网浏览详情: [www.ablybio.cn](http://www.ablybio.cn)