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# ATP5A1 Rabbit mAb

**货号: AYM30882**

## 产品信息

| | |
|---|---|
| 反应 | Human,Mouse,Rat |
| 宿主 | Rabbit |
| 克隆性 | Monoclonal |
| 预测反应 | |
| 应用 | WB IHC IF/ICC FC |
| 推荐浓度 | **WB:** 1:500 - 1:2000<br>**IHC:** 1:50 - 1:200<br>**IF/ICC:** 1:50 - 1:200<br>**FC:** 1:20 - 1:50 |
| 理论分子量 | 54kDa/57kDa/59kDa |
| 实测分子量 | 55kDa |
| 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 | BT474,SKOV3,HeLa,MCF-7,Mouse kidney,Mouse heart,Rat kidney,Rat heart |
| 细胞定位 | Cell membrane,Extracellular side,Mitochondrion inner membrane,Peripheral membrane protein |
| 纯化 | Affinity purification |

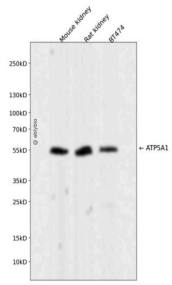
## 抗原信息

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|---|---|
| 抗原信息 | Recombinant fusion protein corresponding to Human ATP5A1. |

## 靶点信息

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|---|---|
| 研究背景 | This gene encodes a subunit of mitochondrial ATP synthase. Mitochondrial ATP synthase catalyzes ATP synthesis, using an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation. ATP synthase is composed of two linked multi-subunit complexes: the soluble catalytic core, F1, and the membrane-spanning component, Fo, comprising the proton channel. The catalytic portion of mitochondrial ATP synthase consists of 5 different subunits (alpha, beta, gamma, delta, and epsilon) assembled with a stoichiometry of 3 alpha, 3 beta, and a single representative of the other 3. The proton channel consists of three main subunits (a, b, c). This gene encodes the alpha subunit of the catalytic core. Alternatively spliced transcript variants encoding the different isoforms have been identified. Pseudogenes of this gene are located on chromosomes 9, 2, and 16. |
| 基因ID | 498 |
| 基因名 | ATP5A1 |
| Swiss | P25705 (https://www.uniprot.org/uniprotkb/P25705/entry) |
| 别名 | ATP5A1,ATP5A1 Rabbit mAb,ATP synthase F1 subunit alpha,ATP5A |

## 产品验证




Western blot analysis of ATP5A1 expressed in Mouse kidney,Rat kidney,BT474 using ATP5A1 Rabbit mAb 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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