

# ATP5A1 Antibody

货号: **AYP5869**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF ELISA
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IF:</b> 1:50 - 1:200
理论分子量	54kDa/57kDa/59kDa
实测分子量	
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	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

抗原信息	Synthesized peptide derived from Human ATP5A1.
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## 靶点信息

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, F <sub>1</sub> , and the membrane-spanning component, F <sub>o</sub> , 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
别名	ATP5A1;ATP5A;ATP5AL2;ATPM;COXPD22;HEL-S-123m;MC5DN4;MOM2;OMR;ORM;hATP1

产品验证

实验步骤

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