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ATP5G2 Rabbit pAb

货号: **AYP21294**

产品信息

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|-------|---|
| 反应 | Human,Mouse |
| 宿主 | Rabbit |
| 克隆性 | Polyclonal |
| 预测反应 | |
| 应用 | WB IF/ICC |
| 推荐浓度 | WB: 1:500 - 1:2000 IF/ICC: 1:50 - 1:200 |
| 理论分子量 | 14kDa |
| 实测分子量 | 16kDa |
| 形式 | Liquid |
| 保存条件 | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | Mouse kidney,Mouse brain |
| 细胞定位 | mitochondrial inner membrane,mitochondrial outer membrane,mitochondrial proton-transporting ATP synthase complex,mitochondrial proton-transporting ATP synthase complex, coupling factor F(o) |
| 纯化 | Affinity purification |

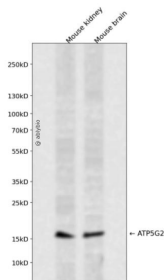
抗原信息

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| 抗原信息 | A synthetic peptide corresponding to a sequence within amino acids 50-150 of human ATP5G2 (NP_001002031.1). |
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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, utilizing 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 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). There are three separate genes which encode subunit c of the proton channel and they specify precursors with different import sequences but identical mature proteins. The protein encoded by this gene is one of three precursors of subunit c. This gene has multiple pseudogenes. |
| 基因ID | 517 |
| 基因名 | ATP5G2 |
| Swiss | Q06055 (https://www.uniprot.org/uniprotkb/Q06055/entry) |
| 别名 | ATP5A,ATP5G2,ATP5G2 Rabbit pAb,ATP synthase lipid-binding protein,ATP synthase membrane subunit c locus 2,ATP synthase proteolipid P2,ATP synthase proton-transporting mitochondrial F(0) complex subunit C2,ATPase protein 9,ATPase subunit c |

产品验证



Western blot analysis of ATP5G2 expressed in Mouse kidney, Mouse brain using ATP5G2 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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