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ATP5G2 Antibody

货号: AYP5866

产品信息

反应	Human
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	IHC ELISA
推荐浓度	**IHC:** 1:50 - 1:200
理论分子量	14kDa
实测分子量	
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,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

抗原信息	Synthesized peptide derived from Human ATP5G2.

靶点信息

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 Antibody,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

实验步骤

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