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ATP5C1 Rabbit pAb

货号: AYP18555

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC IF/ICC
推荐浓度	**WB:** 1:200 - 1:2000 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200
理论分子量	32kDa
实测分子量	36kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	LO2,U-87MG,Mouse brain,Mouse heart,Mouse kidney,Mouse liver,Rat brain,Rat liver
细胞定位	Mitochondrion,Mitochondrion inner membrane,Peripheral membrane protein
纯化	Affinity purification

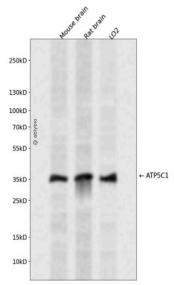
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 26-298 of human ATP5C 1 (NP_001001973.1).

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 a single representative of the other 3. The proton channel consists of three main subunits (a, b, c). This gene encodes the gamma subunit of the catalytic core. Alternatively spliced transcript variants encoding different isoforms have been identified. This gene also has a pseudogene on chromosome 14.
基因ID	509
基因名	ATP5C1
Swiss	P36542 (https://www.uniprot.org/uniprotkb/P36542/entry)
别名	ATP5C1,ATP5C,ATP5CL1,ATP5C1 Rabbit pAb,ATP synthase F1 subunit gamma,F-ATPase gamma subunit

产品验证



Western blot analysis of ATP5C1 expressed in Mouse brain,Rat brain,LO2 using ATP5C1 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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