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ATP5F1 Rabbit pAb

货号: AYP25172

产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** Sus scrofa , Homo sapiens , Eriocheir sinensis H.Milne-Edwards
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	28kDa
实测分子量	26kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	THP-1,22Rv1,HepG2,Mouse liver,Mouse testis,Mouse spleen
细胞定位	Mitochondrion,Mitochondrion inner membrane
纯化	Affinity purification

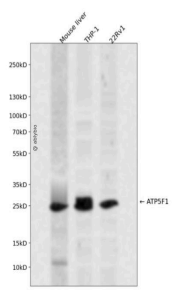
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-245 of human ATP5F1 (NP_001679.2).

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 seems to have nine subunits (a, b, c, d, e, f, g, F6 and 8). This gene encodes the b subunit of the proton channel.
基因ID	515
基因名	ATP5F1
Swiss	P24539 (https://www.uniprot.org/uniprotkb/P24539/entry)
别名	ATP5F1,PIG47,ATP5F1 Rabbit pAb,ATP synthase F(0) complex subunit B1,mitochondrial,ATP synthase peripheral stalk-membrane subunit b,ATP synthase proton-transporting mitochondrial F(0) complex subunit B1,ATP synthase subunit b

产品验证



Western blot analysis of ATP5F1 expressed in Mouse liver,THP-1,22Rv1 using ATP5F1 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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