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ATP5H Rabbit pAb

货号: **AYP10430**

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: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200
理论分子量	15kDa/18kDa
实测分子量	18kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	COS-7,HepG2,U-251MG,BxPC-3,HeLa,Mouse kidney,Mouse thymus,Mouse brain,Rat spinal cord
细胞定位	Mitochondrion,Mitochondrion inner membrane
纯化	Affinity purification

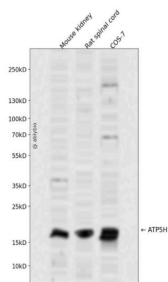
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-161 of human ATP5H (NP_006347.1).
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靶点信息

研究背景	Mitochondrial ATP synthase catalyzes ATP synthesis, utilizing an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation. It is composed of two linked multi-subunit complexes: the soluble catalytic core, F1, and the membrane-spanning component, Fo, which comprises the proton channel. The F1 complex consists of 5 different subunits (alpha, beta, gamma, delta, and epsilon) assembled in a ratio of 3 alpha, 3 beta, and a single representative of the other 3. The Fo seems to have nine subunits (a, b, c, d, e, f, g, F6 and 8). This gene encodes the d subunit of the Fo complex. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. In addition, three pseudogenes are located on chromosomes 9, 12 and 15.
基因ID	10476
基因名	ATP5H
Swiss	O75947 (https://www.uniprot.org/uniprotkb/O75947/entry)
别名	ATP5H,ATPQ,ATP5H Rabbit pAb,ATP synthase peripheral stalk subunit d

产品验证



Western blot analysis of ATP5H expressed in Mouse kidney, Rat spinal cord, COS-7 using ATP5H 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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