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MT-ATP6 Rabbit pAb

货号: **AYP12731**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Homo sapiens , Mus musculus, Homo sapiens
应用	WB IHC IF/ICC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:100 IF/ICC: 1:50 - 1:100
理论分子量	25kDa
实测分子量	25kDa
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	HeLa,U-251MG,mouse brain,mouse heart,mouse kidney,rat kidney
细胞定位	mitochondrial inner membrane,mitochondrial proton-transporting ATP synthase complex
纯化	Affinity purification

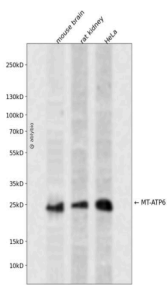
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 1-50 of human MT-ATP6 (YP_003024 031.1).
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靶点信息

研究背景	Mitochondrial membrane ATP synthase (F ₁ F ₀ ATP synthase or Complex V produces ATP from ADP in the presence of a proton gradient across the membrane which is generated by electron transport complexes of the respiratory chain. F-type ATPases consist of two structural domains, F ₁ - containing the extramembraneous catalytic core and F ₀ - containing the membrane proton channel, linked together by a central stalk and a peripheral stalk. During catalysis, ATP synthesis in the catalytic domain of F ₁ is coupled via a rotary mechanism of the central stalk subunits to proton translocation. Key component of the proton channel; it may play a direct role in the translocation of protons across the membrane.
基因ID	4508
基因名	MT-ATP6
Swiss	P00846 (https://www.uniprot.org/uniprotkb/P00846/entry)
别名	ATPase6,MTATP6,MT-ATP6,MT-ATP6 Rabbit pAb,F-ATPase protein 6,Proton-conducting channel,ATP synthase F(0) complex subunit a,ATP6

产品验证



Western blot analysis of MT-ATP6 expressed in mouse brain, rat kidney, HeLa using MT-ATP6 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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