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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℃. 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

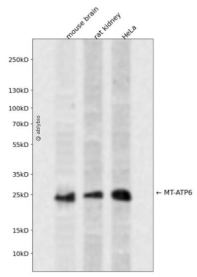
抗原信息

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

靶点信息

研究背景	Mitochondrial membrane ATP synthase (F(1F(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 extramem braneous catalytic core and F(0 - containing the membrane proton channel, linked together by a central s talk and a peripheral stalk. During catalysis, ATP synthesis in the catalytic domain of F(1 is coupled via a r otary mechanism of the central stalk subunits to proton translocation. Key component of the proton chan nel; 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
别名	ATPase6;MTATP6;MT-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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