MTCO2 (YD13201) Rabbit mAb

货号: AYD11917

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC-P ICC/IF FC IP
推荐浓度	
理论分子量	26kDa
实测分子量	
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse liver,Mouse heart,Mouse kidney,Rat liver,Rat kidney
细胞定位	Mitochondrion inner membrane
纯化	

抗原信息

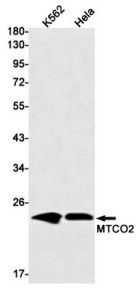
抗原信息	

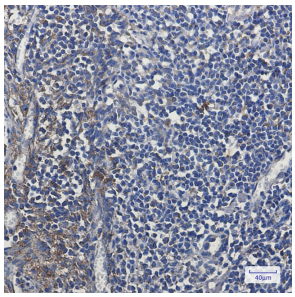
靶点信息

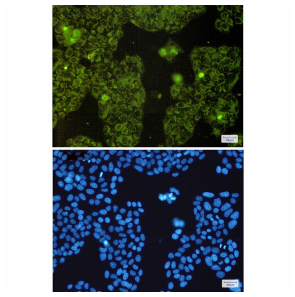
研究背景	Component of the cytochrome c oxidase, the last enzyme in the mitochondrial electron transport chain w hich drives oxidative phosphorylation. The respiratory chain contains 3 multisubunit complexes succinate dehydrogenase (complex II, CII, ubiquinol-cytochrome c oxidoreductase (cytochrome b-c1 complex, comp lex III, CIII and cytochrome c oxidase (complex IV, CIV, that cooperate to transfer electrons derived from NADH and succinate to molecular oxygen, creating an electrochemical gradient over the inner membrane that drives transmembrane transport and the ATP synthase. Cytochrome c oxidase is the component of t he respiratory chain that catalyzes the reduction of oxygen to water. Electrons originating from reduced c ytochrome c in the intermembrane space (IMS are transferred via the dinuclear copper A center (CU(A of subunit 2 and heme A of subunit 1 to the active site in subunit 1, a binuclear center (BNC formed by hem e A3 and copper B (CU(B. The BNC reduces molecular oxygen to 2 water molecules using 4 electrons fro m cytochrome c in the IMS and 4 protons from the mitochondrial matrix.

基因**ID**	4513
基因名	MT-CO2
Swiss	P00403
别名	MTCO2 (YD13201)

产品验证







实验步骤

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