

MT-CO3 Rabbit pAb

货号: B14409

产品信息

展験 Human,Mouse,Rat Rabbit 文牌性 Polyclonal		
度解性 Polyclonal	反应	Human,Mouse,Rat
「	宿主	Rabbit
应用 WB IHC 维 P	克隆性	Polyclonal
推荐來度 WB: 1:500 - 1:1000 IHC: 1:100 - 1:200 理论分子量 30kDa 实調分子量 30KDa 形式 Liquid 保存条件 Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3. 俱联物 Unconjugated 附性对照 Mouse kidney 细胞定位 mitochondrial inner membrane,mitochondrial respiratory chain complex IV,mitochondrion	预测反应	WB: Homo sapiens, Mus musculus
### BY The state of the state	应用	WB IHC
实测分子量 30KDa 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 Mouse kidney 细胞定位 mitochondrial inner membrane,mitochondrial respiratory chain complex IV,mitochondrion	推荐浓度	
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图性对照 Mouse kidney 细胞定位 mitochondrial inner membrane,mitochondrial respiratory chain complex IV,mitochondrion	保存条件	
细胞定位 mitochondrial inner membrane,mitochondrial respiratory chain complex IV,mitochondrion	偶联物	Unconjugated
	阳性对照	Mouse kidney
纯化 Affinity purification	细胞定位	mitochondrial inner membrane, mitochondrial respiratory chain complex IV, mitochondrion
	纯化	Affinity purification

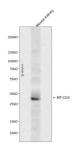
抗原信息

抗原	兵信息	A synthetic peptide corresponding to a sequence within amino acids 40-100 of human MT-CO3 (YP_00302 4032.1).
序	列	MTLLMLGLLTNTLTMYQWWRDVTRESTYQGHHTPPVQKGLRYGMILFITSEVFFFAGFFWA

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 the respiratory chain that catalyzes the reduction of oxygen to water. Electrons originating from reduced cytochrome 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 heme A and copper B (CU(B. The BNC reduces molecular oxygen to 2 water molecules using 4 electrons from cytochrome c in the IMS and 4 protons from the mitochondrial matrix.
基因 ID	4514
基因名	MT-CO3
Swiss	P00414
别名	COIII;MTCO3;COX3;MT-CO3

产品验证



Western blot analysis of MT-CO3 expressed in Mouse kidney using MT-CO3 Rabbit pAb at 1:1000. Seconda ry 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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