

产品名称: MTCO2 Rabbit Monoclonal Antibody
产品货号: AMRe85806



产品概述 (Summary)

产品名称 (Production Name)	MTCO2 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC,IP
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	MTCO2
别名 (Alternative Names)	MT-CO2; COX2; CO2; Cytochrome c oxidase II; MTCO2; COII; COXII
基因 ID (Gene ID)	4513.0
蛋白 ID (SwissProt ID)	P00403.A synthetic peptide of human MTCO2

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200,IP 1:10-1:20
蛋白分子量 (Molecular Weight)	Calculated MW: 26 kDa; Observed MW: 21 kDa

研究背景 (Background)

Cytochrome c oxidase is the component of the respiratory chain that catalyzes the reduction of oxygen to water. Subunits

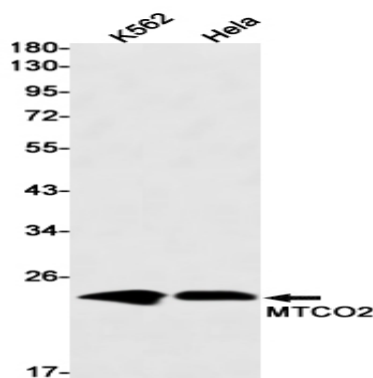
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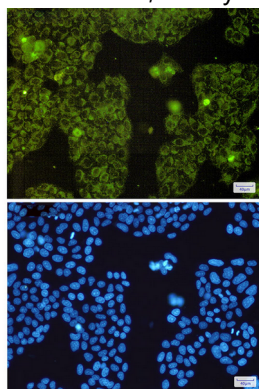
1-3 form the functional core of the enzyme complex. Subunit 2 transfers the electrons from cytochrome c via its binuclear copper A center to the bimetallic center of the catalytic subunit 1.

研究领域 (Research Area)

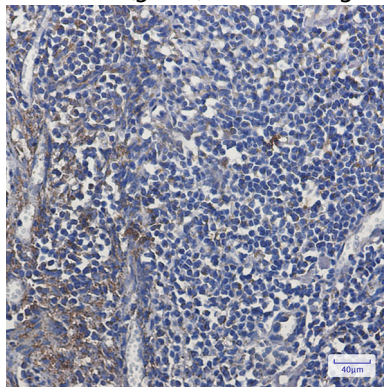
图片 (Image Data)



Western blot analysis of MTCO2 in K562, HeLa lysates using MTCO2 antibody.



Immunocytochemistry analysis of MTCO2(green) in HeLa using MTCO2 antibody, and DAPI(blue)



Immunohistochemistry analysis of paraffin-embedded Human tonsil using MTCO2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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注意事项 (Note)

For research use only .