

产品名称: MTCO2 Rabbit Monoclonal Antibody  
产品货号: AMRe02280



## 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/IF,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)       | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| 纯化方式 (Purification) | Affinity Purification                                                                                |

## 免疫原信息 (Immunogen)

|                        |                                                                |
|------------------------|----------------------------------------------------------------|
| 基因名 (Gene Name)        | MT-CO2                                                         |
| 别名 (Alternative Names) | MT-CO2; COX2; CO2; Cytochrome c oxidase II; MTCO2; COII; COXII |
| 基因 ID (Gene ID)        | 4513                                                           |
| 蛋白 ID (SwissProt ID)   | P00403.                                                        |

## 产品应用 (Application)

|                          |                                                               |
|--------------------------|---------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,IP 1:20-1:50 |
| 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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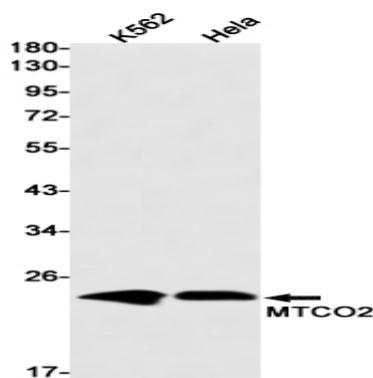


1-3 form the functional core of the enzyme complex. Subunit 2 transfers the electrons from cytochrome c via its binuclear copper A center to the bimetallic center of the catalytic subunit 1.

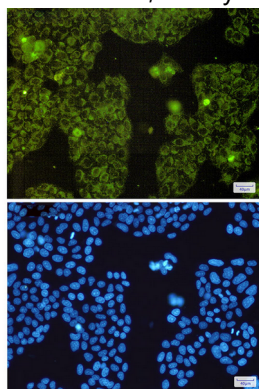
## 研究领域 (Research Area)

Signal Transduction

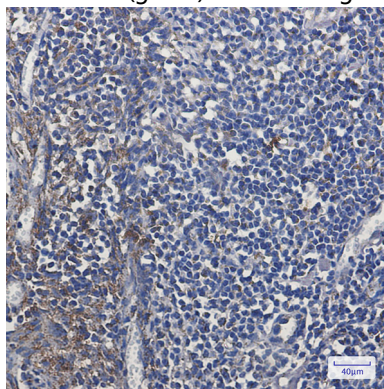
## 图片 (Image Data)



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 .