

## COX4I1 RABBIT PAB

货号: S221194

产品全名: COX4I1 兔多抗

基因符号 COX4; COXIV; COX4-1; COXIV-1; MC4DN16; COX IV-1

**UNIPROT ID:** P13073 (Gene Accession - NP\_001852)

**背景:** Cytochrome c oxidase (COX) is the terminal enzyme of the mitochondrial respiratory chain. It is a multi-subunit enzyme complex that couples the transfer of electrons from cytochrome c to molecular oxygen and contributes to a proton electrochemical gradient across the inner mitochondrial membrane. The complex consists of 13 mitochondrial- and nuclear-encoded subunits. The mitochondrially-encoded subunits perform the electron transfer and proton pumping activities. The functions of the nuclear-encoded subunits are unknown but they may play a role in the regulation and assembly of the complex. This gene encodes the nuclear-encoded subunit IV isoform 1 of the human mitochondrial respiratory chain enzyme. It is located at the 3' of the NOC4 (neighbor of COX4) gene in a head-to-head orientation, and shares a promoter with it. Pseudogenes related to this gene are located on chromosomes 13 and 14. Alternative splicing results in multiple transcript variants encoding different isoforms.

**抗原:** Synthetic peptide of human COX4I1

**经过测试的应用:** ELISA, WB, IHC

**推荐稀释比:** IHC: 25-100;WB: 1000-5000;ELISA: 5000-10000

**种属反应性:** Rabbit

**克隆性:** Rabbit Polyclonal

**亚型:** Immunogen-specific rabbit IgG

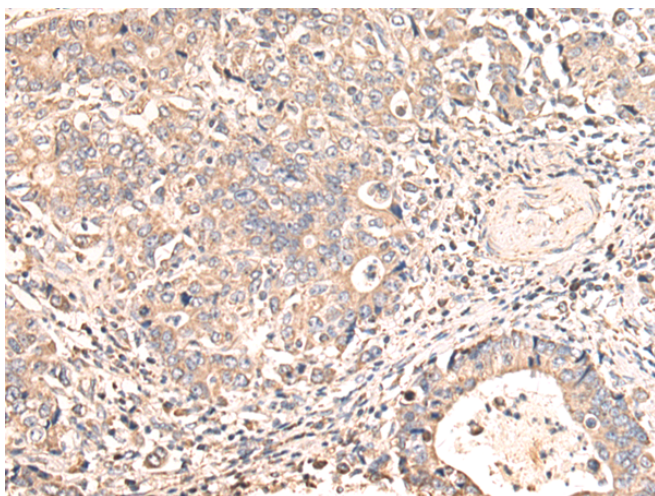
**纯化:** Antigen affinity purification

**种属反应性:** Human, Mouse

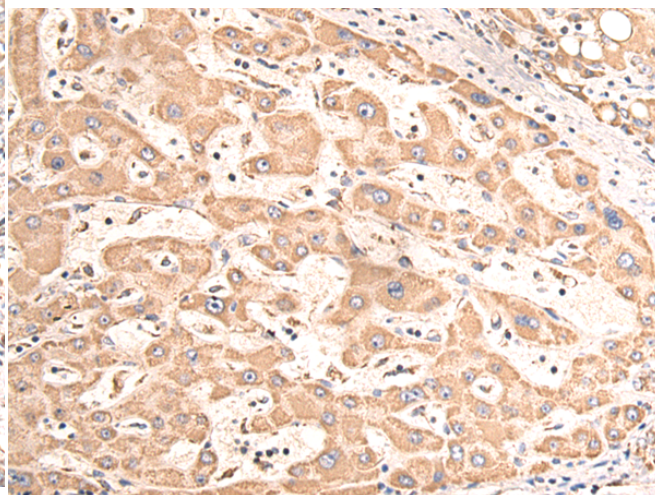
**成分:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**研究领域:** Metabolism, Cancer

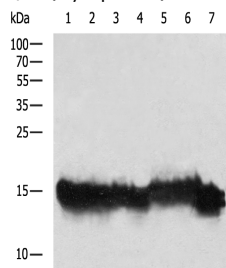
**储存和运输:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin-embedded Human gastric cancer tissue using 221194(COX4I1 Antibody) at a dilution of 1/25(Cytoplasm).



Immunohistochemistry analysis of paraffin-embedded Human liver cancer tissue using 221194(Anti-COX4I1 Antibody) at a dilution of 1/25.



Gel: 12%SDS-PAGE, Lysate: 40 µg;  
Lane 1-7: A549, PC3, 293T, NIH/3T3, Hela, HepG2, Mouse skeletal muscle tissue lysates;  
Primary antibody: 221194(COX4I1 Antibody) at dilution 1/500;  
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;  
Exposure time: 10 seconds



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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