

COX11 RABBIT PAB

货号: S216442

产品全名: COX11 兔多抗

基因符号: COX11P; MC4DN23

UNIPROT ID: Q9Y6N1 (Gene Accession - BC005895)

背景: Cytochrome c oxidase (COX), the terminal component of the mitochondrial respiratory chain, catalyzes the electron transfer from reduced cytochrome c to oxygen. This component is a heteromeric complex consisting of 3 catalytic subunits encoded by mitochondrial genes and multiple structural subunits encoded by nuclear genes. The mitochondrially-encoded subunits function in electron transfer, and the nuclear-encoded subunits may function in the regulation and assembly of the complex. This nuclear gene encodes a protein which is not a structural subunit, but may be a heme A biosynthetic enzyme involved in COX formation, according to the yeast mutant studies. However, the studies in *Rhodobacter sphaeroides* suggest that this gene is not required for heme A biosynthesis, but required for stable formation of the Cu(B) and magnesium centers of COX. This human protein is predicted to contain a transmembrane domain localized in the mitochondrial inner membrane. Multiple transcript variants encoding different isoforms have been found for this gene. A related pseudogene has been found on chromosome 6.

抗原: Fusion protein of human COX11

经过测试的应用: ELISA, WB, IHC

推荐稀释比: IHC: 25-100;WB: 1000-5000;ELISA: 2000-10000

种属反应性: Rabbit

克隆性: Rabbit Polyclonal

亚型: Immunogen-specific rabbit IgG

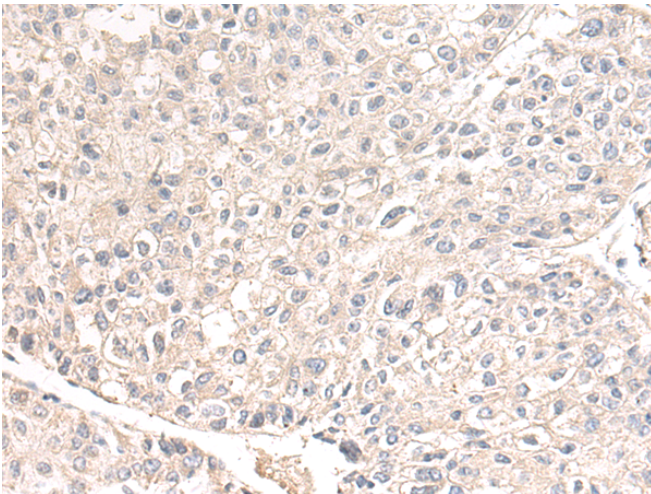
纯化: Antigen affinity purification

种属反应性: Human, Mouse

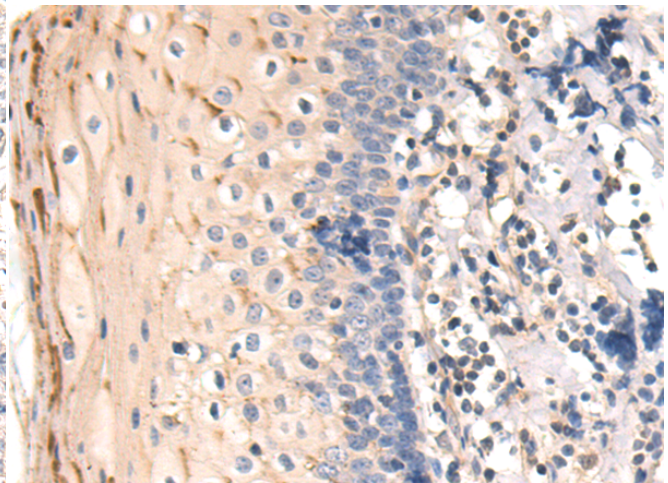
成分: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

研究领域: Metabolism

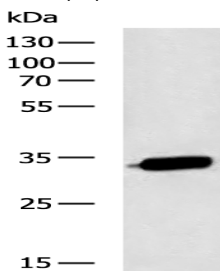
储存和运输: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin-embedded Human liver cancer tissue using 216442(COX11 Antibody) at a dilution of 1/30(Cytoplasm).



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using 216442(Anti-COX11 Antibody) at a dilution of 1/30.



Gel: 8%SDS-PAGE, Lysate: 40 µg;

Lane: Mouse brain tissue lysate;

Primary antibody: 216442(COX11 Antibody) at dilution 1/1000;

Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;

Exposure time: 30 seconds



Product Description

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