

COX7A2 RABBIT PAB

货号: S216109

产品全名: COX7A2 兔多抗

基因符号 VIIAL; COX7AL; COX7AL1; COXVIIAL; COXVIIa-L

UNIPROT ID: P14406 (Gene Accession - NP_001856)

背景: Cytochrome c oxidase, 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 three catalytic subunits encoded by mitochondrial genes, and multiple structural subunits encoded by nuclear genes. The mitochondrially-encoded subunits function in electron transfer, while the nuclear-encoded subunits may function in the regulation and assembly of the complex. This nuclear gene encodes polypeptide 2 (liver isoform) of subunit VIIa, with this polypeptide being present in both muscle and non-muscle tissues. In addition to polypeptide 2, subunit VIIa includes polypeptide 1 (muscle isoform), which is present only in muscle tissues, and a related protein, which is present in all tissues. Alternative splicing results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 4 and 14.

抗原: Synthetic peptide of human COX7A2

经过测试的应用: ELISA, WB, IHC

推荐稀释比: IHC: 25-50;WB: 200-1000;ELISA: 5000-10000

种属反应性: Rabbit

克隆性: Rabbit Polyclonal

亚型: Immunogen-specific rabbit IgG

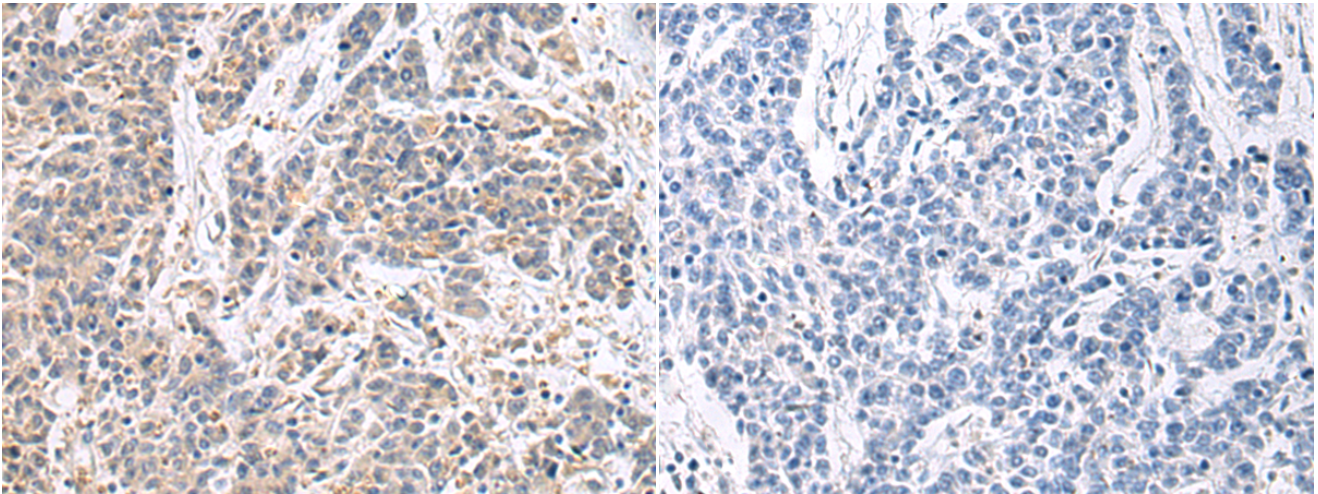
纯化: Antigen affinity purification

种属反应性: Human, Mouse, Rat

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

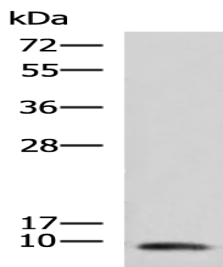
研究领域: Metabolism

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



Immunohistochemistry analysis of paraffin embedded Human colorectal cancer tissue using 216109(COX7A2 Antibody) at a dilution of 1/20(Cytoplasm).

In comparison with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with the synthetic peptide and then with 216109(Anti-COX7A2 Antibody) at dilution 1/20.



Gel: 12%SDS-PAGE, Lysate: 40 µg;

Lane: HeLa cell lysate;

Primary antibody: 216109(COX7A2 Antibody) at dilution 1/500;

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

Exposure time: 30 seconds



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
