

CYB5R1 RABBIT PAB

货号: S218560

产品全名: CYB5R1 兔多抗

基因符号 B5R1; B5R2; B5R.1; NQO3A2; humb5R2

UNIPROT ID: Q9UHQ9 (Gene Accession - BC018732)

背景: NADH-cytochrome b5 reductases participate in a variety of physiological processes including biosynthesis of cholesterol, methemoglobin reduction of erythrocytes, elongation of fatty acids and metabolism of drugs. CYB5R1 (cytochrome b5 reductase 1), also known as NADH-cytochrome b5 reductase 1, B5R1, NQO3A2, humb5R2 or NAD(P)H:quinone oxidoreductase type 3 polypeptide A2, is a 305 amino acid single-pass membrane protein that contains one FAD-binding FR-type domain and belongs to the flavoprotein pyridine nucleotide cytochrome reductase family. Widely expressed, CYB5R1 binds FAD as a cofactor and is encoded by a gene located on human chromosome 1. Human chromosome 1 spans 260 million base pairs, contains over 3,000 genes, comprises nearly 8% of the human genome and houses a large number of disease-associated genes, including those that are involved in familial adenomatous polyposis, Stickler syndrome, Parkinson's disease, Gaucher disease, schizophrenia and Usher syndrome.

抗原: Fusion protein of human CYB5R1

经过测试的应用: ELISA, WB, IHC

推荐稀释比: IHC: 25-100;WB: 200-1000;ELISA: 5000-10000

种属反应性: Rabbit

克隆性: Rabbit Polyclonal

亚型: Immunogen-specific rabbit IgG

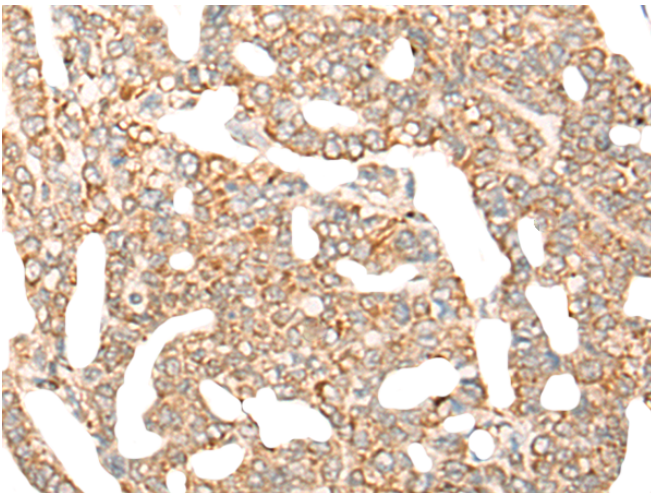
纯化: Antigen affinity purification

种属反应性: Human, Mouse, Rat

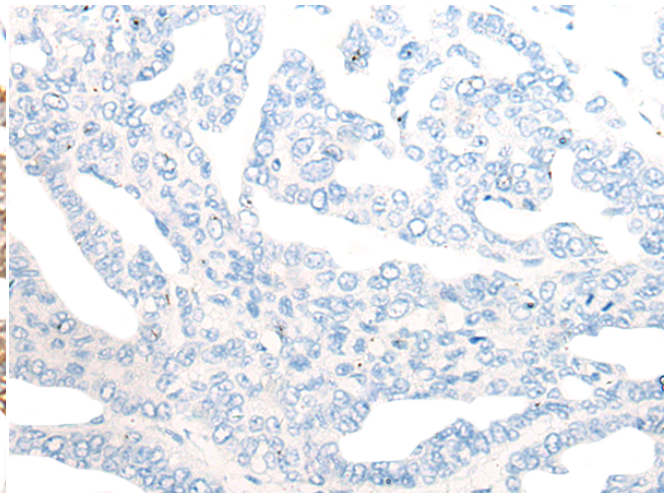
成分: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

研究领域: Metabolism, Cardiovascular

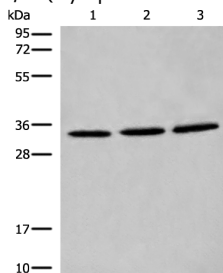
储存和运输: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 218560 (CYB5R1 Antibody) at a dilution of 1/30 (Cytoplasm and Cell membrane).



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 218560 (Anti-CYB5R1 Antibody) at dilution 1/30.



Gel: 12% SDS-PAGE, Lysate: 40 µg;
Lane 1-3: K562, HeLa and HEPG2 cell lysates;
Primary antibody: 218560 (CYB5R1 Antibody) at dilution 1/300;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 5 seconds



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
