

MRPS18B RABBIT PAB

货号: S218849

产品全名: MRPS18B 兔多抗

基因符号 PTD017; S18amt; C6orf14; HSPC183; MRPS18-2; HumanS18a; MRP-S18-2

UNIPROT ID: Q9Y676 (Gene Accession - BC005373)

背景: Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mammalian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 28S subunit protein that belongs to the ribosomal protein S18P family. The encoded protein is one of three that has significant sequence similarity to bacterial S18 proteins. The primary sequences of the three human mitochondrial S18 proteins are no more closely related to each other than they are to the prokaryotic S18 proteins. Pseudogenes corresponding to this gene are found on chromosomes 1q and 2q.

抗原: Fusion protein of human MRPS18B

经过测试的应用: ELISA, WB, IHC

推荐稀释比: IHC: 25-100;WB: 500-2000;ELISA: 5000-10000

种属反应性: Rabbit

克隆性: Rabbit Polyclonal

亚型: Immunogen-specific rabbit IgG

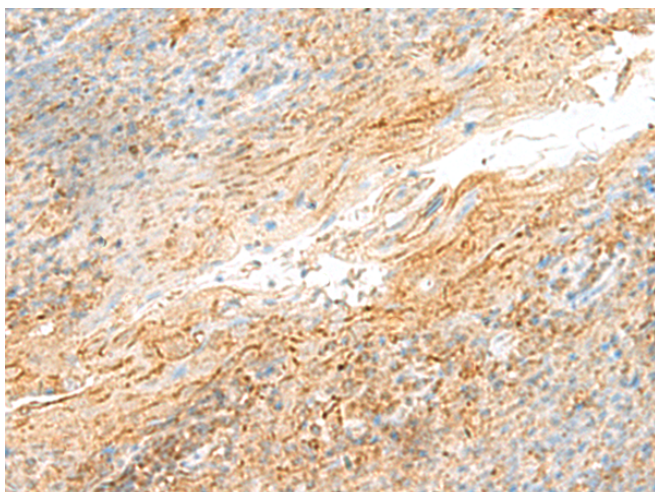
纯化: Antigen affinity purification

种属反应性: Human

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

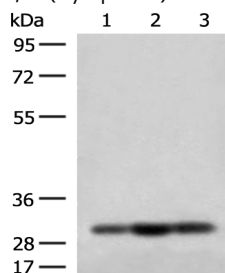
研究领域: Epigenetics and Nuclear Signaling

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



Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 218849(MRPS18B Antibody) at a dilution of 1/55(Cytoplasm).

In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the fusion protein and then with 218849(Anti-MRPS18B Antibody) at dilution 1/55.



Gel: 8%SDS-PAGE, Lysate: 40 µg;

Lane 1-3: HepG2, Jurkat and 231 cell lysates;

Primary antibody: 218849(MRPS18B Antibody) at dilution 1/200;

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;

Exposure time: 5 seconds



Product Description

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