

ATP5ME RABBIT PAB

货号: S222110

产品全名: ATP5ME 兔多抗

基因符号: ATP5i; ATP5K

UNIPROT ID: P56385 (Gene Accession - NP_009031)

背景: Mitochondrial ATP synthase catalyzes ATP synthesis, utilizing an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation. It is composed of two linked multi-subunit complexes: the soluble catalytic core, F₁, and the membrane-spanning component, F_o, which comprises the proton channel. The F₁ complex consists of 5 different subunits (alpha, beta, gamma, delta, and epsilon) assembled in a ratio of 3 alpha, 3 beta, and a single representative of the other 3. The F_o seems to have nine subunits (a, b, c, d, e, f, g, F6 and 8). This gene encodes the e subunit of the F_o complex. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Jun 2010]

抗原: Synthetic peptide of human ATP5ME

经过测试的应用: ELISA, WB, IHC

推荐稀释比: IHC: 30-150;WB: 500-2000;ELISA: 5000-10000

种属反应性: Rabbit

克隆性: Rabbit Polyclonal

亚型: Immunogen-specific rabbit IgG

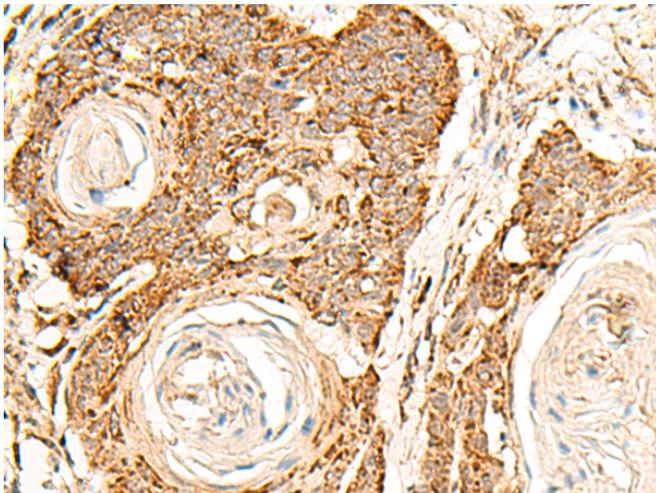
纯化: Antigen affinity purification

种属反应性: Human, Mouse, Rat

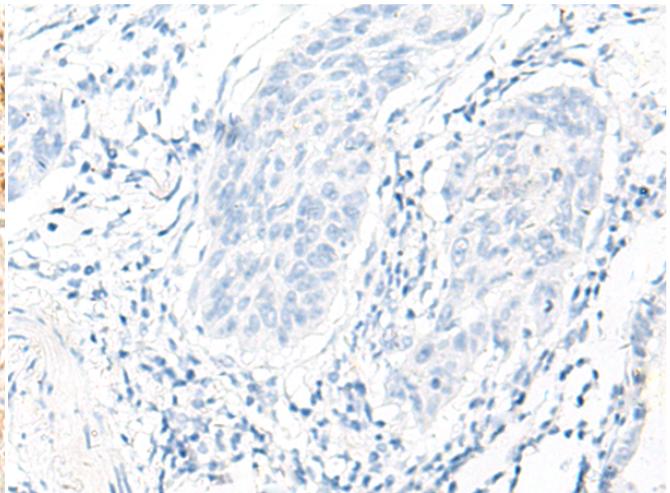
成分: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

研究领域: Metabolism

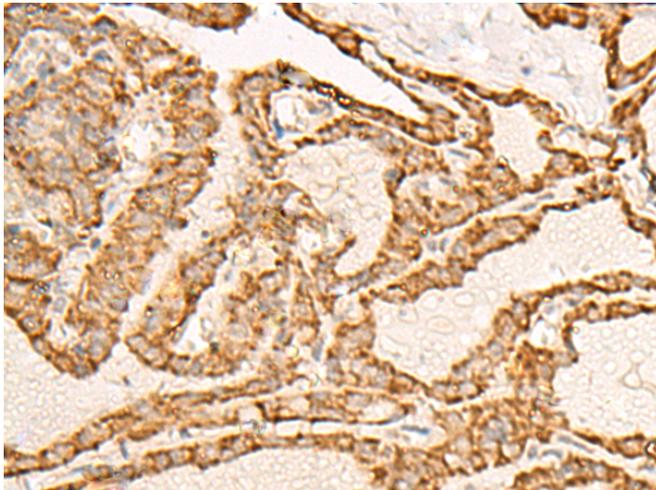
储存和运输: Store at -20°C. Avoid repeated freezing and thawing



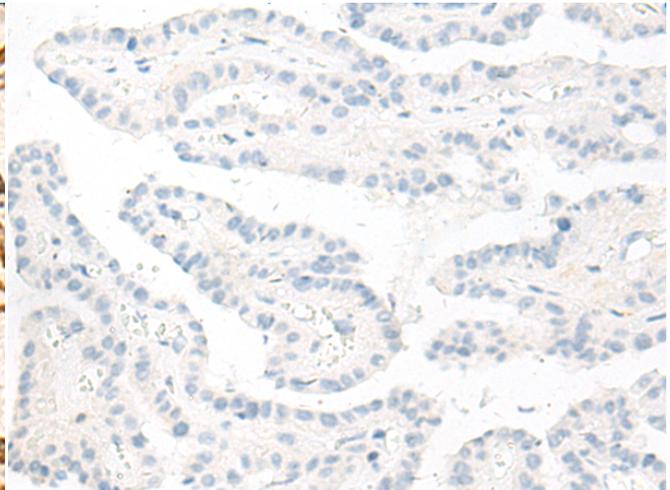
Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 222110 (ATP5ME Antibody) at a dilution of 1/30 (Cytoplasm).



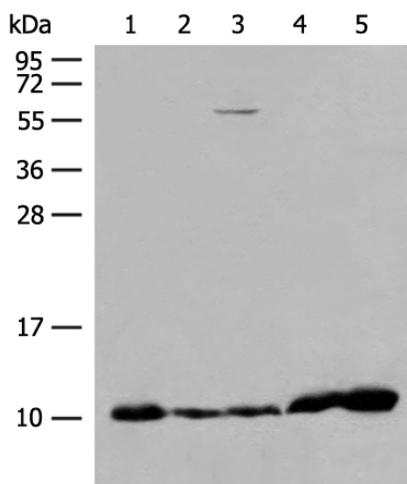
In comparison with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the synthetic peptide and then with 222110 (Anti-ATP5ME Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 222110 (Anti-ATP5ME Antibody) at a dilution of 1/30.



In comparison with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with synthetic peptide and then with D264040 (Anti-ATP5ME Antibody) at dilution 1/30.



Gel: 12%SDS-PAGE, Lysate: 40 µg;
 Lane 1-5: Human liver tissue, PC-3 cell, 293T cell, Human fetal liver tissue, Human heart tissue lysates;
 Primary antibody: 222110 (ATP5ME Antibody) at dilution 1/200;
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
 Exposure time: 15 seconds



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
