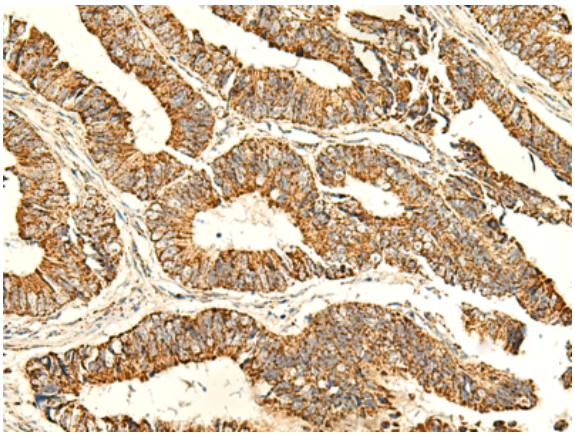
ATP5PD RABBIT PAB

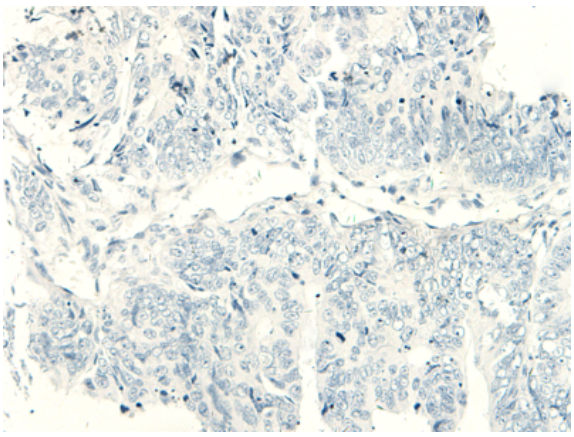
Cat.#: S219052
Product Name: Anti-ATP5PD Rabbit Polyclonal Antibody
Synonyms: ATPQ; ATP5H
UNIPROT ID: O75947 (Gene Accession - BC032245)
Background: Mitochondrial ATP synthase catalyzes ATP synthesis, utilizing an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation. It is composed of two linked multi-subunit complexes: the soluble catalytic core, F1, and the membrane-spanning component, Fo, 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 Fo seems to have nine subunits (a, b, c, d, e, f, g, F6 and 8). This gene encodes the d subunit of the Fo complex. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. In addition, three pseudogenes are located on chromosomes 9, 12 and 15.
Immunogen: Fusion protein of human ATP5PD
Applications: ELISA, WB, IHC
Recommended Dilutions: IHC: 50-300;WB: 500-2000;ELISA: 5000-10000
Host Species: Rabbit
Clonality: Rabbit Polyclonal
Isotype: Immunogen-specific rabbit IgG
Purification: Antigen affinity purification
Species Reactivity: Human, Mouse
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol
Research Areas: Metabolism
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

Product Description

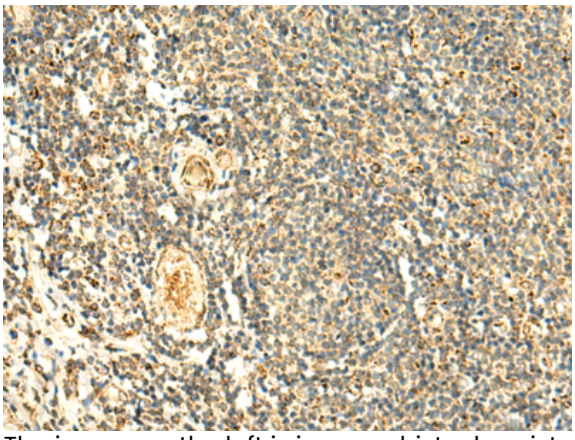
Pioneering GTPase and Oncogene Product Development since 2010



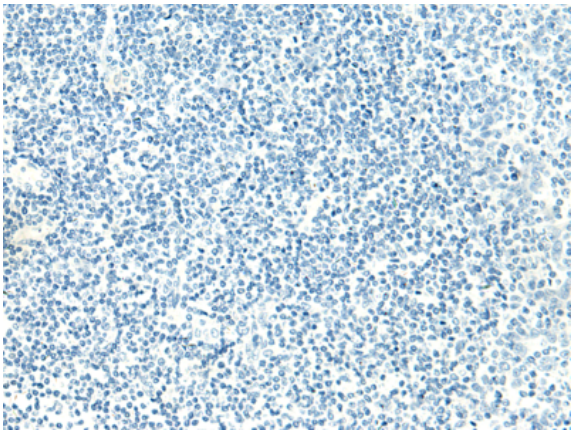
Immunohistochemistry analysis of paraffin embedded Human colorectal cancer tissue using 219052(ATP5PD Antibody) at a dilution of 1/50(Cytoplasm and Cell membrane).



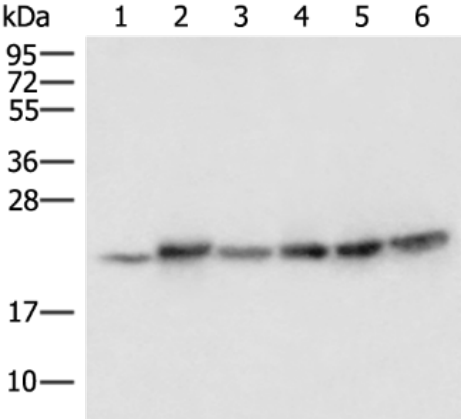
In comparision with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with the fusion protein and then with 219052(Anti-ATP5PD Antibody) at dilution 1/50.



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using 219052(Anti-ATP5PD Antibody) at a dilution of 1/50.



In comparision with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with fusion protein and then with D225725(Anti-ATP5PD Antibody) at dilution 1/50.



Gel: 12%SDS-PAGE, Lysate: 40 µg;
Lane 1-6: Mouse skeletal muscle tissue, Mouse kidney tissue, PC-3, Jurkat, HepG2 and Hela cell lysates;
Primary antibody: 219052(ATP5PD Antibody) at dilution 1/300;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 3 seconds