

SIRT3 RABBIT PAB

Cat.#: S216777

Product Name: Anti-SIRT3 Rabbit Polyclonal Antibody

Synonyms: SIR2L3

UNIPROT ID: Q9NTG7 (Gene Accession - BC001042)

Background: SIRT3 encodes a member of the sirtuin family of class III histone deacetylases, homologs to the yeast Sir2 protein. The encoded protein is found exclusively in mitochondria, where it can eliminate reactive oxygen species, inhibit apoptosis, and prevent the formation of cancer cells. SIRT3 has far-reaching effects on nuclear gene expression, cancer, cardiovascular disease, neuroprotection, aging, and metabolic control.

Immunogen: Fusion protein of human SIRT3

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-200;WB: 1000-5000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

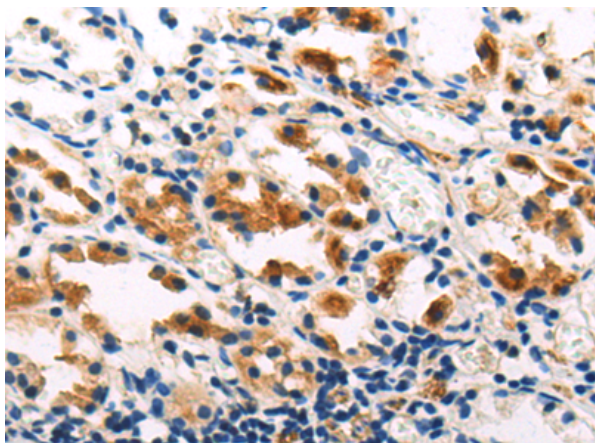
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

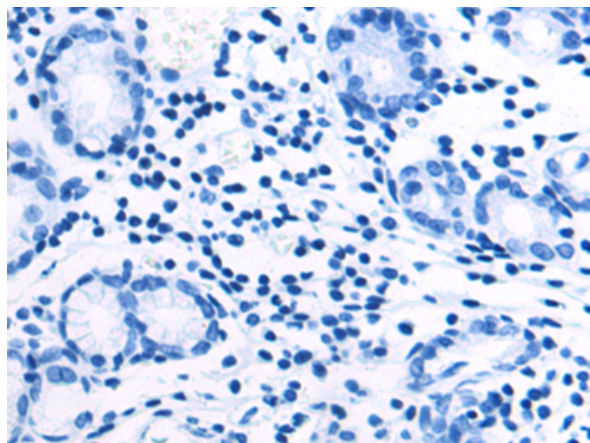
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Epigenetics and Nuclear Signaling, Cancer, Metabolism, Cardiovascular

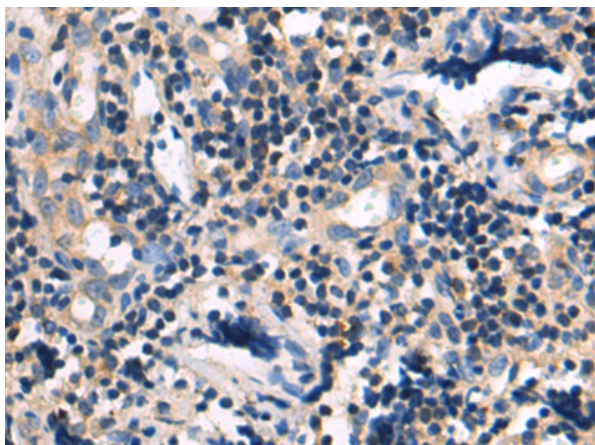
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



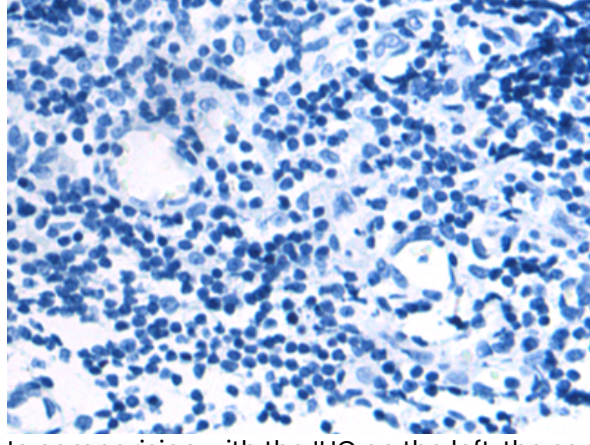
Immunohistochemistry analysis of paraffin embedded Human gastric cancer tissue using 216777(SIRT3 Antibody) at a dilution of 1/60(Cytoplasm).



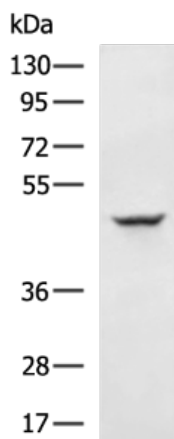
In comparison with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with the fusion protein and then with 216777(Anti-SIRT3 Antibody) at dilution 1/60.



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using 216777(Anti-SIRT3 Antibody) at a dilution of 1/60.



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with fusion protein and then with D221219(Anti-SIRT3 Antibody) at dilution 1/60.



Gel: 8%SDS-PAGE, Lysate: 40 µg;
Lane: Mouse brain tissue lysate;
Primary antibody: 216777(SIRT3 Antibody) at dilution 1/1000;
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
