

SDHA RABBIT PAB

Cat.#: S217797

Product Name: Anti-SDHA Rabbit Polyclonal Antibody

Synonyms: FP; PGL5; SDH1; SDH2; SDHF; CMD1GG

UNIPROT ID: P31040 (Gene Accession - BC001380)

Background: This gene encodes a major catalytic subunit of succinate-ubiquinone oxidoreductase, a complex of the mitochondrial respiratory chain. The complex is composed of four nuclear-encoded subunits and is localized in the mitochondrial inner membrane. Mutations in this gene have been associated with a form of mitochondrial respiratory chain deficiency known as Leigh Syndrome. A pseudogene has been identified on chromosome 3q29.

Immunogen: Fusion protein of human SDHA

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 30-150;WB: 500-2000;ELISA: 2000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

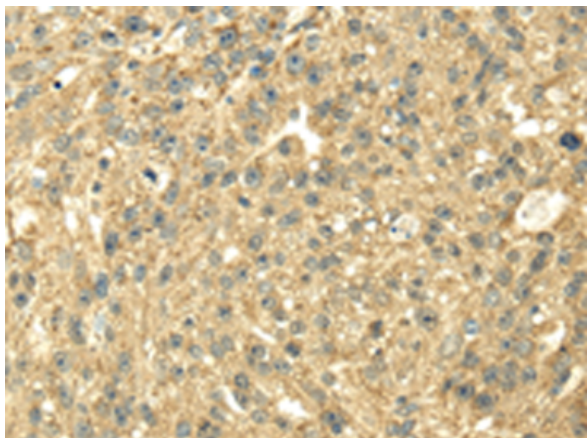
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

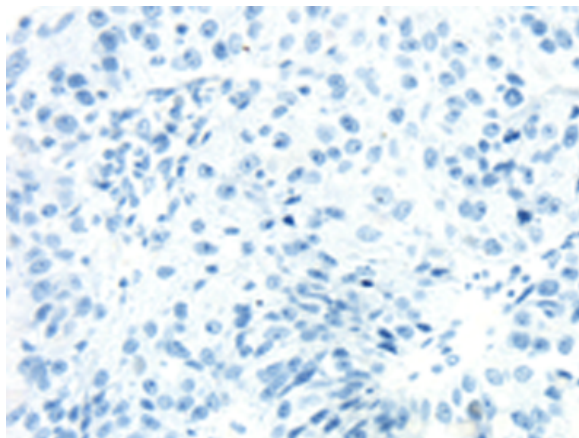
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Metabolism, Cancer, Cell Biology

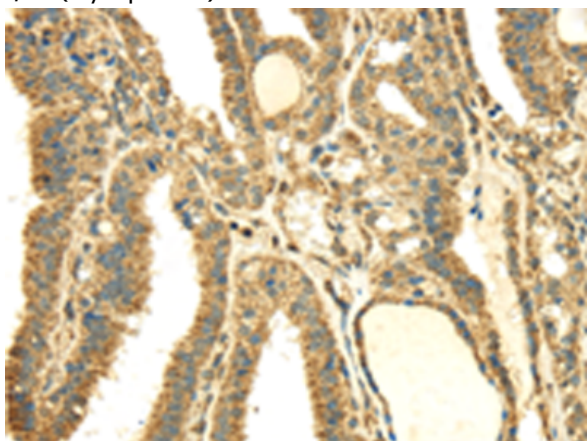
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



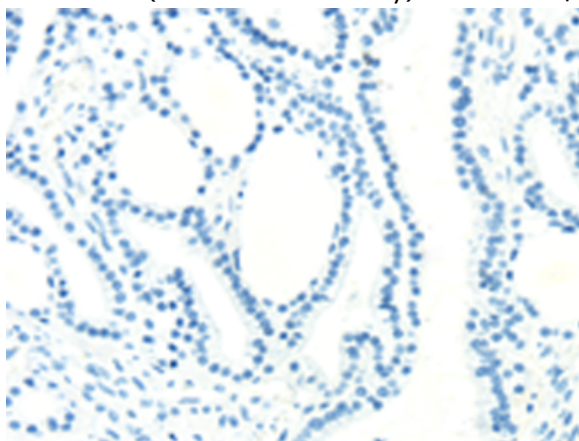
Immunohistochemistry analysis of paraffin embedded Human breast cancer tissue using 217797(SDHA Antibody) at a dilution of 1/40(Cytoplasm).



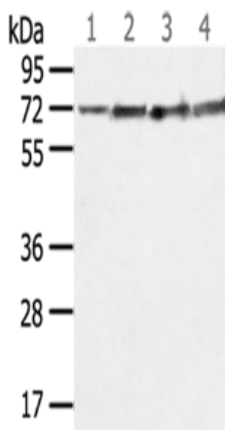
In comparison with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with the fusion protein and then with 217797(Anti-SDHA Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 217797(Anti-SDHA Antibody) at a dilution of 1/40.



In comparison with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with fusion protein and then with D223104(Anti-SDHA Antibody) at dilution 1/40.



Gel: 8%SDS-PAGE, Lysate: 40 µg;
Lane 1-4: Mouse brain tissue, Hela cells, Jurkat cells, Mouse heart tissue;
Primary antibody: 217797(SDHA Antibody) at dilution 1/600;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 5 seconds

