

MT-CO2 RABBIT PAB

Cat.#: S219604

Product Name: Anti-MT-CO2 Rabbit Polyclonal Antibody

Synonyms: COII; MTCO2; COX2

UNIPROT ID: P00403 (Gene Accession - YP_003024029)

Background: Cytochrome c oxidase is the component of the respiratory chain that catalyzes the reduction of oxygen to water. Subunits 1-3 form the functional core of the enzyme complex. Subunit 2 transfers the electrons from cytochrome c via its binuclear copper A center to the bimetallic center of the catalytic subunit 1.

Immunogen: Synthetic peptide of human MT-CO2

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

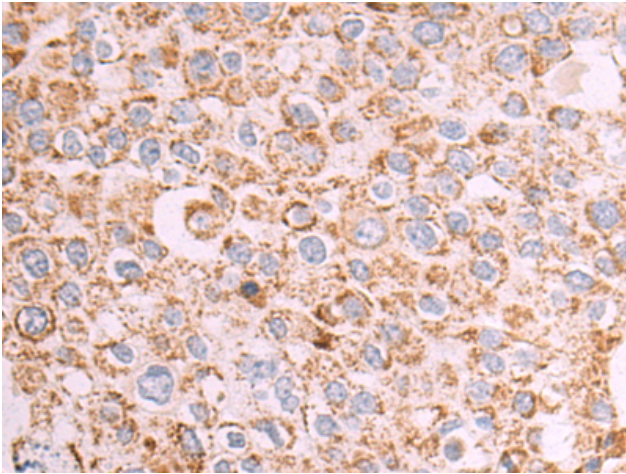
Purification: Antigen affinity purification

Species Reactivity: Human

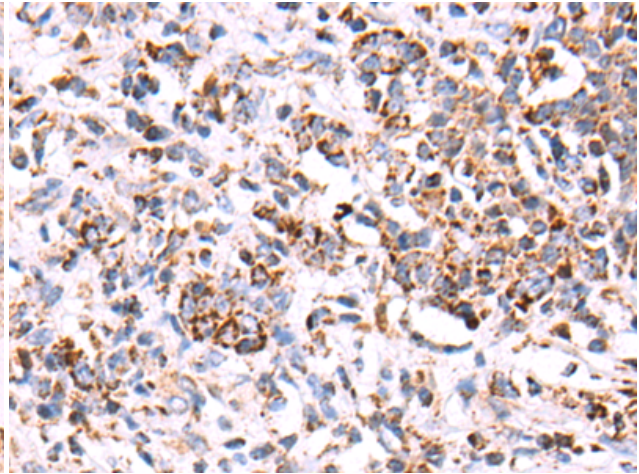
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Metabolism, Cancer

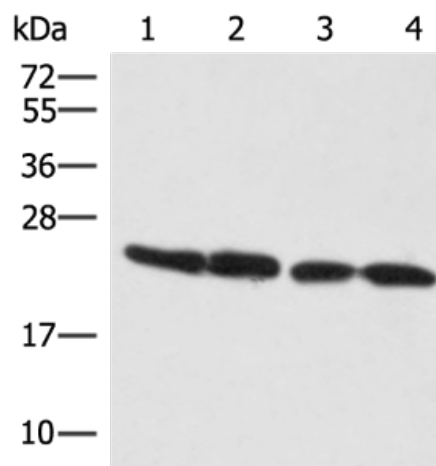
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using 219604(MT-CO2 Antibody) at a dilution of 1/50(Cytoplasm).



Immunohistochemistry analysis of paraffin-embedded Human gastric cancer tissue using 219604(Anti-MT-CO2 Antibody) at a dilution of 1/50.



Gel: 12%SDS-PAGE, Lysate: 40 μ g;
Lane 1-4: K562, 293T, 231 and A549 cell lysates;
Primary antibody: 219604(MT-CO2 Antibody) at dilution 1/800;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 5 seconds

