

NIT2 RABBIT PAB

Cat.#: S220143

Product Name: Anti-NIT2 Rabbit Polyclonal Antibody

Synonyms:

UNIPROT ID: Q9NQR4 (Gene Accession - NP_064587)

Background: Has a omega-amidase activity. The role of omega-amidase is to remove potentially toxic intermediates by converting alpha-ketoglutaramate and alpha-ketosuccinamate to biologically useful alpha-ketoglutarate and oxaloacetate, respectively. Overexpression decreases the colony-forming capacity of cultured cells by arresting cells in the G2 phase of the cell cycle.

Immunogen: Synthetic peptide of human NIT2

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-200;WB: 1000-5000;ELISA: 2000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

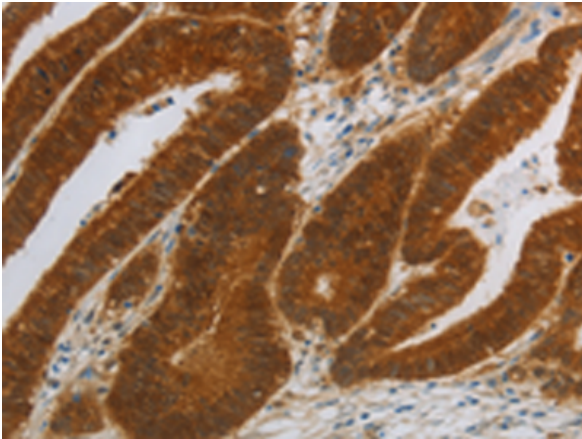
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

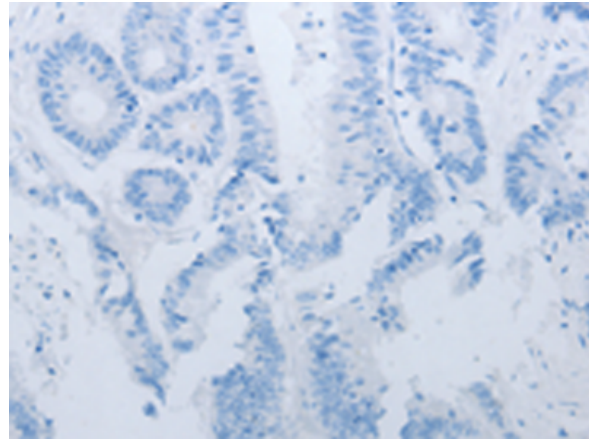
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Metabolism

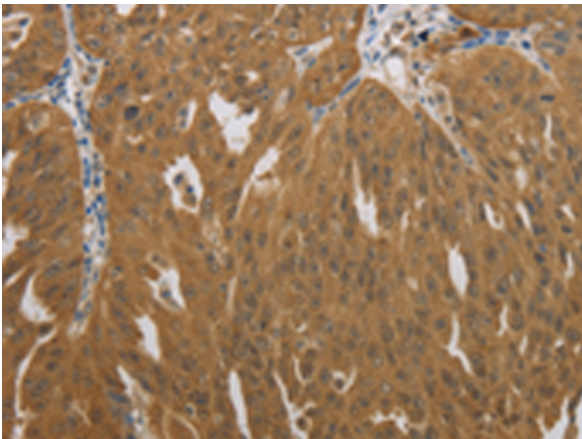
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



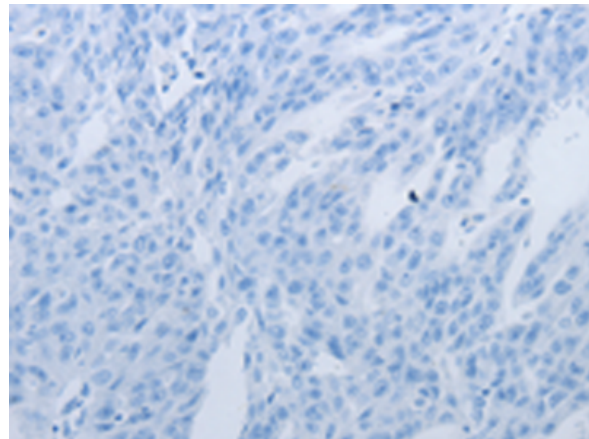
Immunohistochemistry analysis of paraffin embedded Human colon cancer tissue using 220143(NIT2 Antibody) at a dilution of 1/40(Cytoplasm, Nucleus).



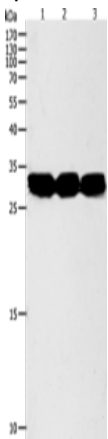
In comparison with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with the synthetic peptide and then with 220143(Anti-NIT2 Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using 220143(Anti-NIT2 Antibody) at a dilution of 1/40.



In comparison with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with synthetic peptide and then with D261032(Anti-NIT2 Antibody) at dilution 1/40.



Gel: 10%SDS-PAGE, Lysate: 40 µg;
Lane 1-3: Mouse liver tissue, Mouse kidney tissue, RAW264.7 cells;
Primary antibody: 220143(NIT2 Antibody) at dilution 1/950;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 90 seconds



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
