

RGS22 RABBIT PAB

Cat.#: S217759

Product Name: Anti-RGS22 Rabbit Polyclonal Antibody

Synonyms: CT145; PRTD-NY2

UNIPROT ID: Q8NE09 (Gene Accession - BC047060)

Background: RGS22 (regulator of G-protein signaling 22), also known as FLJ75004, PRTD-NY2, FLJ40080, MGC102908 or DKFZp434I092, is a novel 1264 amino acid regulator of G-protein signaling specific to testis. RGS22 inhibits signal transduction and contains two isoforms as a result of alternative splicing. RGS22 is found in spermatogenic cells and Leydig cells, and may be involved in the translocation of GNA13 from the cytoplasm to the nucleus during spermiogenesis. RGS22 contains two RGS domains: RGS1 and RGS2, and the gene encoding RGS22 maps to human chromosome 8q22.2.

Immunogen: Fusion protein of human RGS22

Applications: ELISA, IHC

Recommended Dilutions: IHC: 25-100; ELISA: 2000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

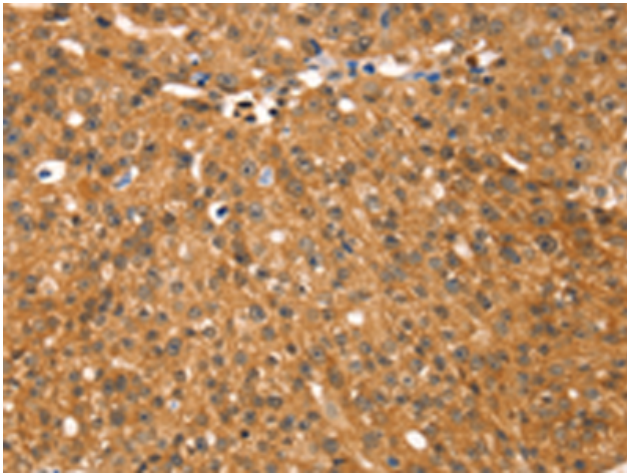
Purification: Antigen affinity purification

Species Reactivity: Human

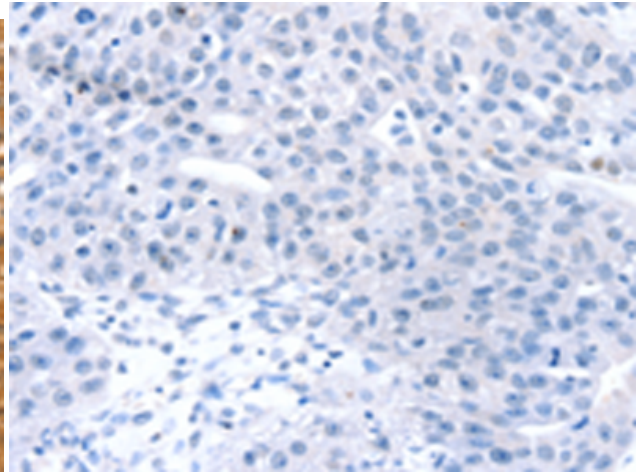
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction

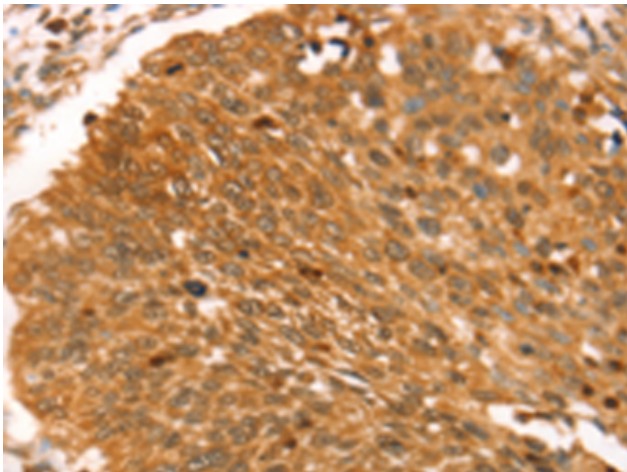
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



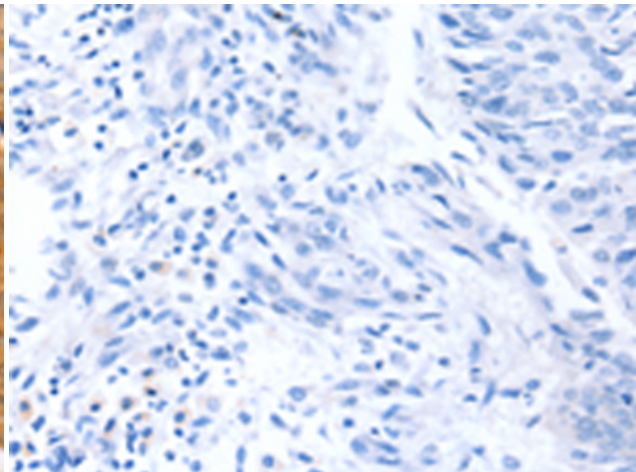
Immunohistochemistry analysis of paraffin embedded Human breast cancer tissue using 217759(RGS22 Antibody) at a dilution of 1/25(Cytoplasm and Nucleus).



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 217759(Anti-RGS22 Antibody) at dilution 1/25.



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using 217759(Anti-RGS22 Antibody) at a dilution of 1/25.



In comparison with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with fusion protein and then with D223017(Anti-RGS22 Antibody) at dilution 1/25.