

RGS2 RABBIT PAB

Cat.#: S216764

Product Name: Anti-RGS2 Rabbit Polyclonal Antibody

Synonyms: G0S8

UNIPROT ID: P41220 (Gene Accession - BC007049)

Background: Regulator of G protein signaling (RGS) family members are regulatory molecules that act as GTPase activating proteins (GAPs) for G alpha subunits of heterotrimeric G proteins. RGS proteins are able to deactivate G protein subunits of the Gi alpha, Go alpha and Gq alpha subtypes. They drive G proteins into their inactive GDP-bound forms. Regulator of G protein signaling 2 belongs to this family. The protein acts as a mediator of myeloid differentiation and may play a role in leukemogenesis.

Immunogen: Fusion protein of human RGS2

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 100–200;WB: 1000–5000;ELISA: 5000–10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

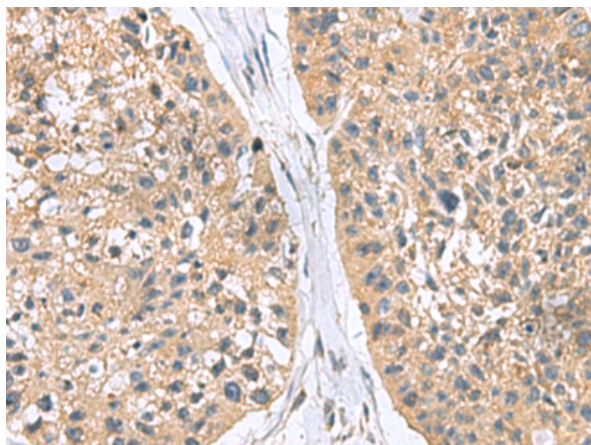
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

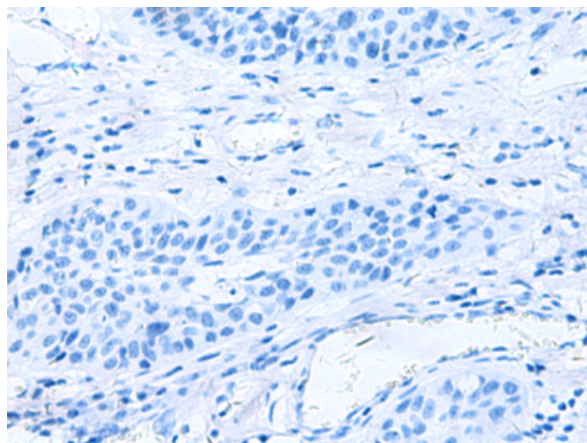
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Epigenetics and Nuclear Signaling, Cardiovascular

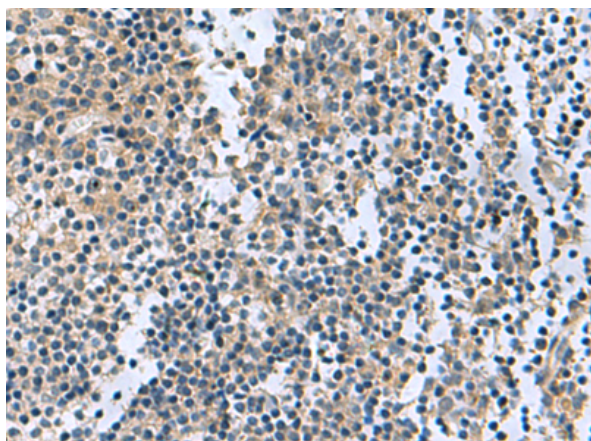
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



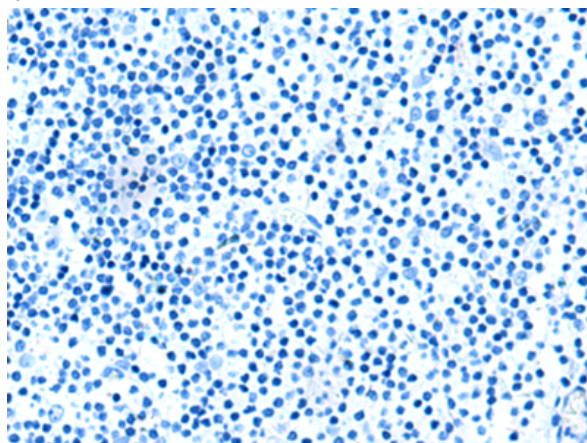
Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 216764(RGS2 Antibody) at a dilution of 1/95(Cytoplasm).



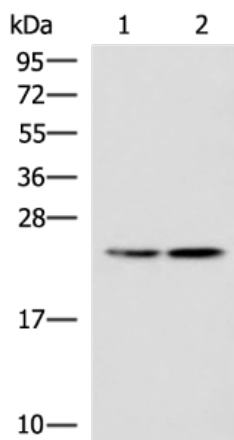
In comparison with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the fusion protein and then with 216764(Anti-RGS2 Antibody) at dilution 1/95.



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using 216764(Anti-RGS2 Antibody) at a dilution of 1/95.



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with fusion protein and then with D221197(Anti-RGS2 Antibody) at dilution 1/95.



Gel: 12%SDS-PAGE, Lysate: 40 µg;
 Lane 1-2: A549 and A172 cell lysates;
 Primary antibody: 216764(RGS2 Antibody) at dilution 1/1350;
 Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
 Exposure time: 10 seconds



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
