

PIK3R1 RABBIT PAB

Cat.#: S216728

Product Name: Anti-PIK3R1 Rabbit Polyclonal Antibody

Synonyms: p85, GRB1, p85-ALPHA

UNIPROT ID: P27986 (Gene Accession - BC030815)

Background: Phosphatidylinositol 3-kinase phosphorylates the inositol ring of phosphatidylinositol at the 3-prime position. The enzyme comprises a 110 kD catalytic subunit and a regulatory subunit of either 85, 55, or 50 kD. This gene encodes the 85 kD regulatory subunit. Phosphatidylinositol 3-kinase plays an important role in the metabolic actions of insulin, and a mutation in this gene has been associated with insulin resistance. Alternative splicing of this gene results in four transcript variants encoding different isoforms.

Immunogen: Fusion protein of human PIK3R1

Applications: ELISA, IHC

Recommended Dilutions: IHC: 25-100; ELISA: 1000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

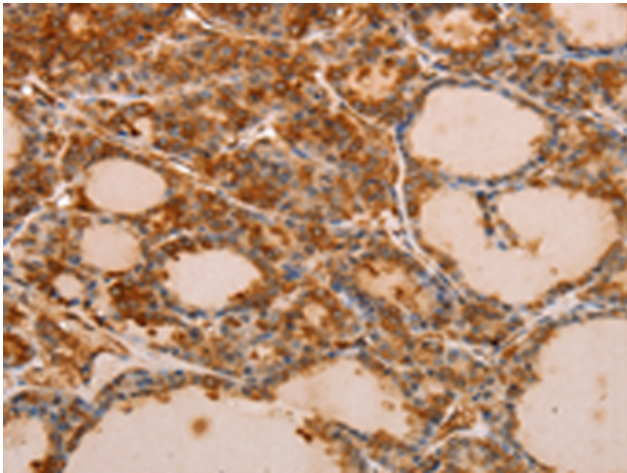
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

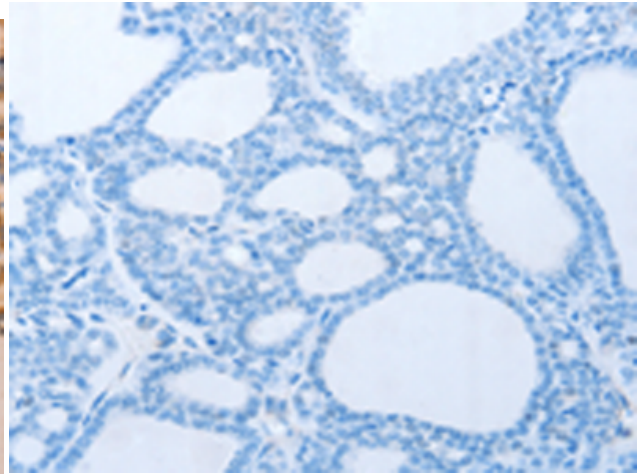
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Immunology

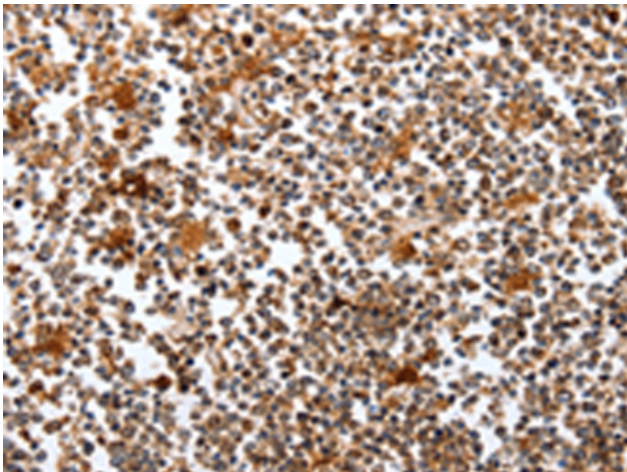
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



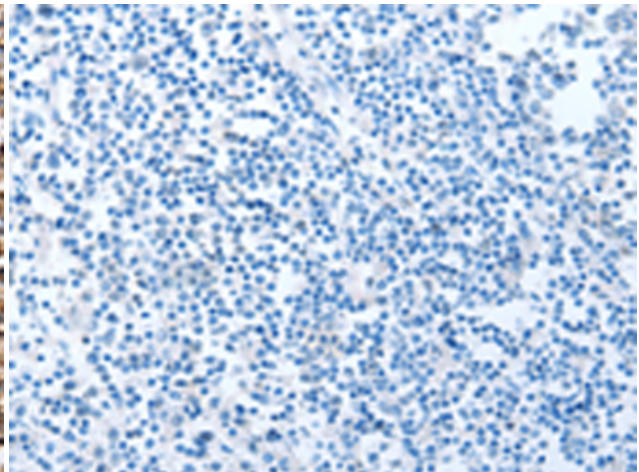
Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 216728(PIK3R1 Antibody) at a dilution of 1/30(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the fusion protein and then with 216728(Anti-PIK3R1 Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using 216728(Anti-PIK3R1 Antibody) at a dilution of 1/30.



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with fusion protein and then with D221132(Anti-PIK3R1 Antibody) at dilution 1/30.