

PIK3R2 RABBIT PAB

Cat.#: S220330

Product Name: Anti-PIK3R2 Rabbit Polyclonal Antibody

Synonyms: p85; MPPH; P85B; p85-BETA

UNIPROT ID: O00459 (Gene Accession - NP_005018)

Background: Phosphatidylinositol 3-kinase (PI3K) is a lipid kinase that phosphorylates phosphatidylinositol and similar compounds, creating second messengers important in growth signaling pathways. PI3K functions as a heterodimer of a regulatory and a catalytic subunit. The protein encoded by this gene is a regulatory component of PI3K. Two transcript variants, one protein coding and the other non-protein coding, have been found for this gene.

Immunogen: Synthetic peptide of human PIK3R2

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-100;WB: 200-1000;ELISA: 2000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

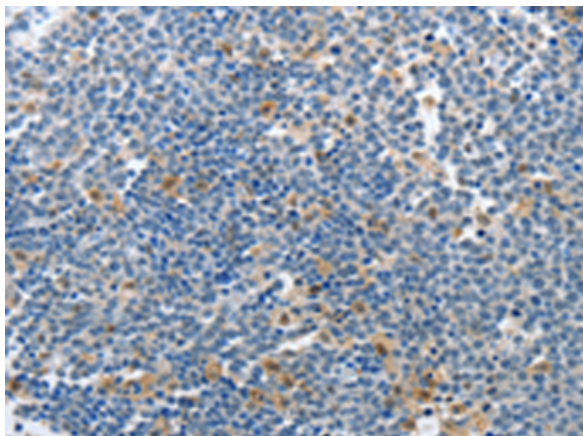
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

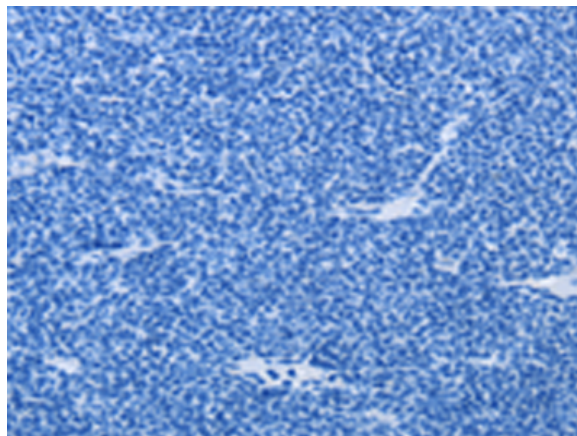
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Immunology

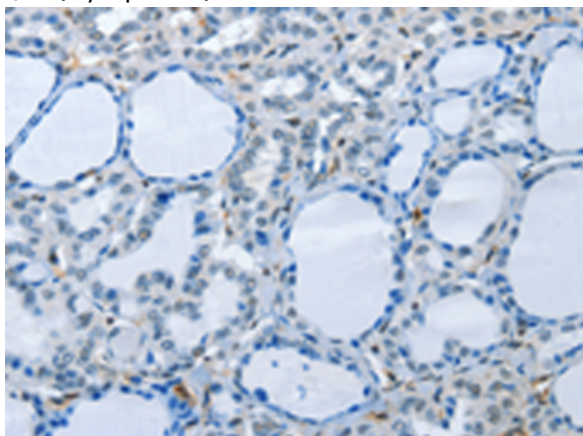
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



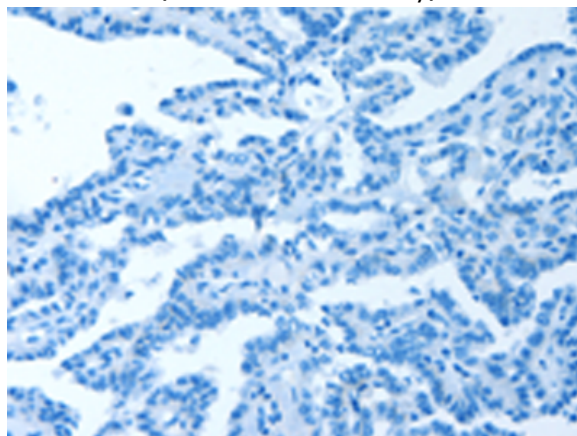
Immunohistochemistry analysis of paraffin embedded Human lymphoma tissue using 220330(PIK3R2 Antibody) at a dilution of 1/70(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human lymphoma tissue is first treated with the synthetic peptide and then with 220330(Anti-PIK3R2 Antibody) at dilution 1/70.



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 220330(Anti-PIK3R2 Antibody) at a dilution of 1/70.



In comparison with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with synthetic peptide and then with D261372(Anti-PIK3R2 Antibody) at dilution 1/70.



Gel: 8%SDS-PAGE, Lysate: 40 µg;
 Lane 1-4: Raji cells, A549 cells, A431 cells, K562 cells;
 Primary antibody: 220330(PIK3R2 Antibody) at dilution 1/233;
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
 Exposure time: 2 minutes



Product Description

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