

PIK3CB RABBIT PAB

Cat.#: S220810

Product Name: Anti-PIK3CB Rabbit Polyclonal Antibody

Synonyms: PI3K; PIK3C1; P110BETA; PI3KBETA

UNIPROT ID: P42338 (Gene Accession - NP_006210)

Background: This gene encodes an isoform of the catalytic subunit of phosphoinositide 3-kinase (PI3K). These kinases are important in signaling pathways involving receptors on the outer membrane of eukaryotic cells and are named for their catalytic subunit. The encoded protein is the catalytic subunit for PI3Kbeta (PI3KB). PI3KB has been shown to be part of the activation pathway in neutrophils which have bound immune complexes at sites of injury or infection. Alternative splicing results in multiple transcript variants.

Immunogen: Synthetic peptide of human PIK3CB

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-200; ELISA: 2000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

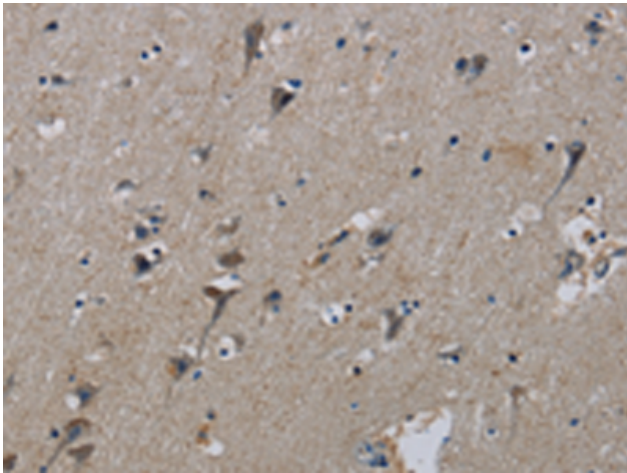
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

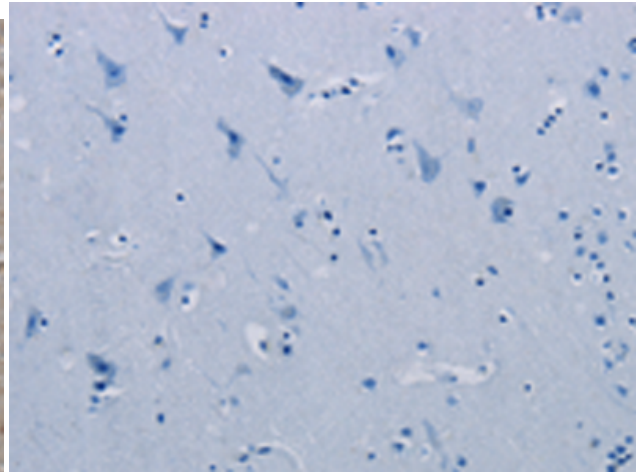
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Cancer, Immunology

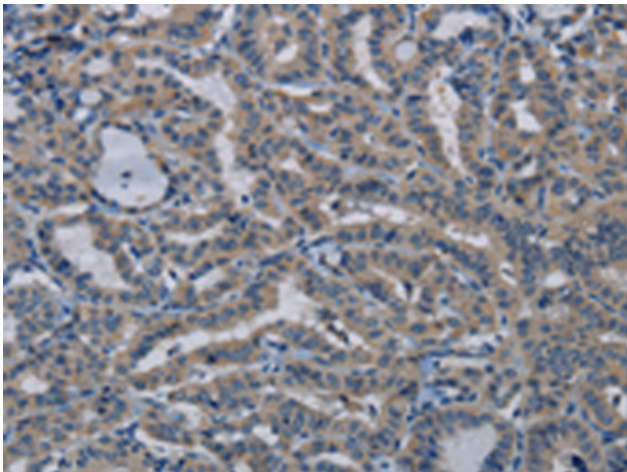
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



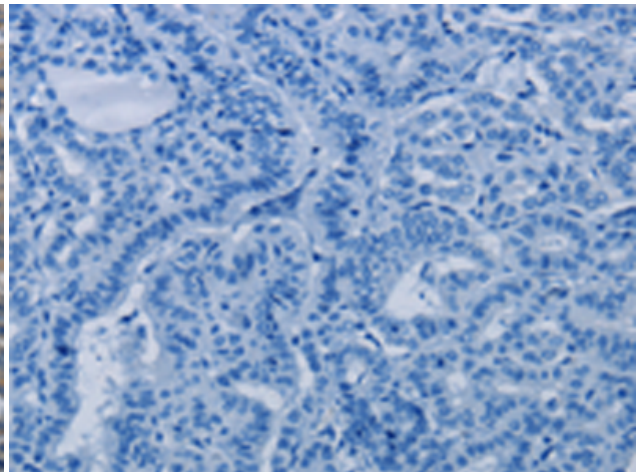
Immunohistochemistry analysis of paraffin embedded Human brain tissue using 220810(PIK3CB Antibody) at a dilution of 1/50(Cytoplasm or Nucleus).



In comparison with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with the synthetic peptide and then with 220810(Anti-PIK3CB Antibody) at dilution 1/50.



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 220810(Anti-PIK3CB Antibody) at a dilution of 1/50.



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 D262052(Anti-PIK3CB Antibody) at dilution 1/50.