

RASA4 RABBIT PAB

Cat.#: S217738

Product Name: Anti-RASA4 Rabbit Polyclonal Antibody

Synonyms: GAPL; CAPRI

UNIPROT ID: O43374 (Gene Accession - BC113663)

Background: This gene encodes a member of the GAP1 family of GTPase-activating proteins that suppresses the Ras/mitogen-activated protein kinase pathway in response to Ca^{2+} . Stimuli that increase intracellular Ca^{2+} levels result in the translocation of this protein to the plasma membrane, where it activates Ras GTPase activity. Consequently, Ras is converted from the active GTP-bound state to the inactive GDP-bound state and no longer activates downstream pathways that regulate gene expression, cell growth, and differentiation. Multiple transcript variants encoding different isoforms have been found for this gene. [

Immunogen: Fusion protein of human RASA4

Applications: ELISA, IHC

Recommended Dilutions: IHC: Oct-50; ELISA: 1000-2000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

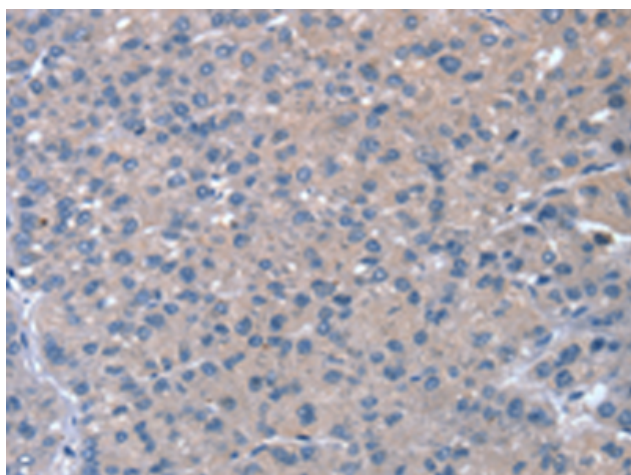
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

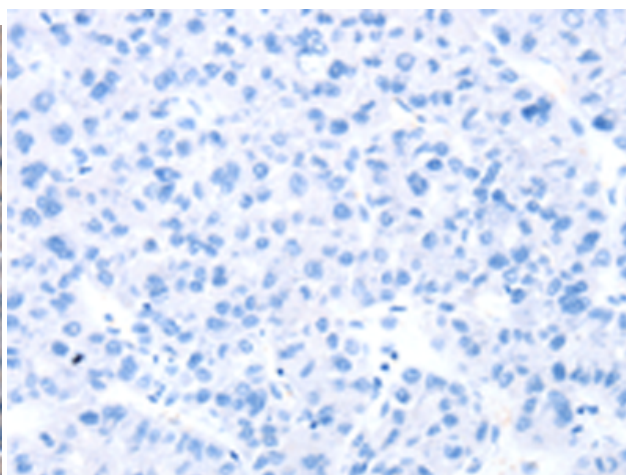
Constituents: PBS (without Mg^{2+} and Ca^{2+}), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction

Storage & Shipping: Store at $-20^{\circ}C$. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 217738(RASA4 Antibody) at a dilution of 1/20(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 217738(Anti-RASA4 Antibody) at dilution 1/20.