

PPP2R1A RABBIT PAB

Cat.#: S219157

Product Name: Anti-PPP2R1A Rabbit Polyclonal Antibody

Synonyms: MRD36; PP2AA; PR65A; PP2AAALPHA; PP2A-Aalpha

UNIPROT ID: P30153 (Gene Accession - BC001537)

Background: This gene encodes a constant regulatory subunit of protein phosphatase 2. Protein phosphatase 2 is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The constant regulatory subunit A serves as a scaffolding molecule to coordinate the assembly of the catalytic subunit and a variable regulatory B subunit. This gene encodes an alpha isoform of the constant regulatory subunit A. Alternatively spliced transcript variants have been described.

Immunogen: Fusion protein of human PPP2R1A

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 70-350;WB: 1000-5000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

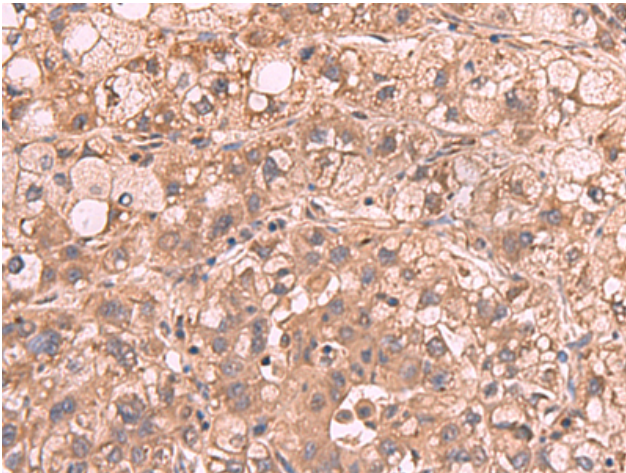
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

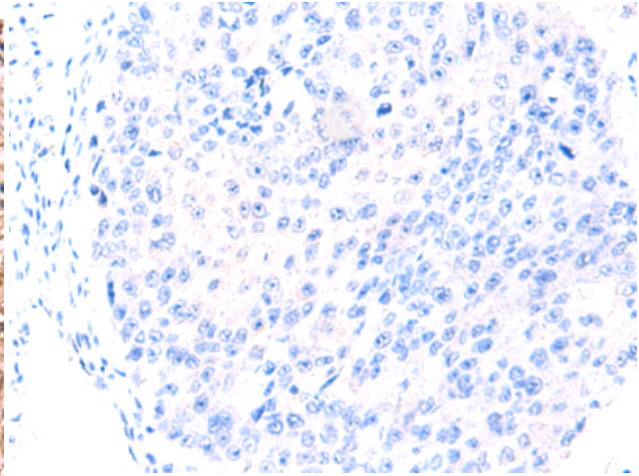
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction

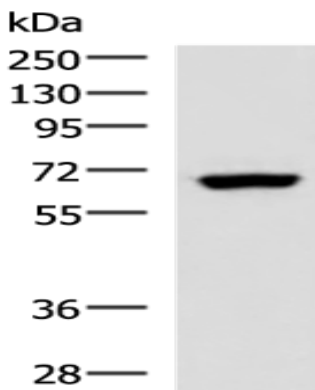
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 219157(PPP2R1A Antibody) at a dilution of 1/65(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 219157(Anti-PPP2R1A Antibody) at dilution 1/65.



Gel: 8%SDS-PAGE, Lysate: 40 μ g;
Lane: NIH/3T3 cell lysate;
Primary antibody: 219157(PPP2R1A Antibody) at dilution 1/850;
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
Exposure time: 3 seconds