

## 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

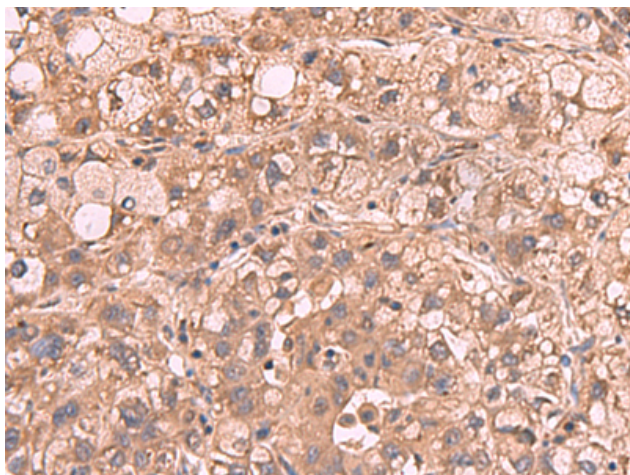
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

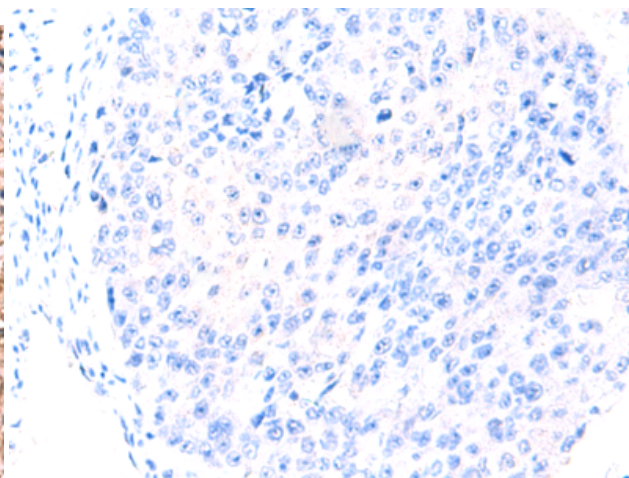
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction

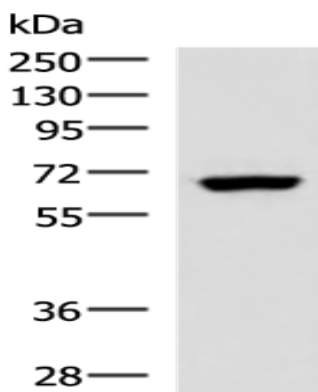
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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  $\mu$ 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