

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## PPP1R3C RABBIT PAB

Cat.#: S212748

**Product Name:** Anti-PPP1R3C Rabbit Polyclonal Antibody

Synonyms: PTG; PPP1R5

UNIPROT ID: Q9UQK1 (Gene Accession - BC012625)

**Background:** This gene encodes a carbohydrate binding protein that is a subunit of the protein phosphatase 1 (PPI) complex. PPI catalyzes reversible protein phosphorylation, which is important in a wide range of cellular activities. The encoded protein affects glycogen biosynthesis by activating glycogen synthase and limiting glycogen breakdown by reducing glycogen phosphorylase activity. DNA hypermethylation of this gene has been found in colorectal cancer patients. The encoded protein also interacts with the laforin protein, which is a protein tyrosine phosphatase implicated in Lafora disease.

Immunogen: Fusion protein of human PPP1R3C

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-300; ELISA: 5000-10000

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: Metabolism, Signal Transduction

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

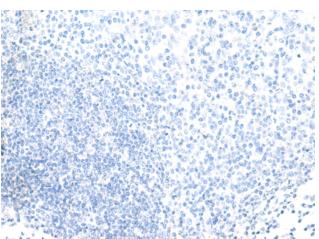


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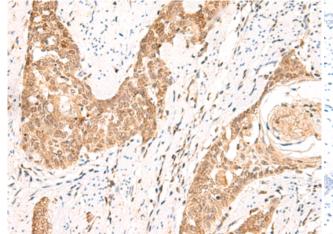
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Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 212748(PPP1R3C Antibody) at a dilution of 1/50(Cytoplasm or Nucleus).



In comparision with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the fusion protein and then with 212748(Anti-PPP1R3C Antibody) at dilution 1/50.



The image on the left is immunohistochemistry of paraffinembedded Human esophagus cancer tissue using 212748(Anti-PPP1R3C Antibody) at a dilution of 1/50. In comparision with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with fusion protein and then with D125728(Anti-PPP1R3C Antibody) at dilution 1/50.