

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

P2RY1 RABBIT PAB

Cat.#: S219959

Product Name: Anti-P2RYl Rabbit Polyclonal Antibody

Synonyms: P2Y1

UNIPROT ID: P47900 (Gene Accession - NP_002554)

Background: The product of this gene belongs to the family of G-protein coupled receptors. This family has several receptor subtypes with different pharmacological selectivity, which overlaps in some cases, for various adenosine and uridine nucleotides. This receptor functions as a receptor for extracellular ATP and ADP. In platelets binding to ADP leads to mobilization of intracellular calcium ions via activation of

phospholipase C, a change in platelet shape, and probably to platelet aggregation.

Immunogen: Synthetic peptide of human P2RY1

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-200;WB: 200-1000;ELISA: 1000-2000

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

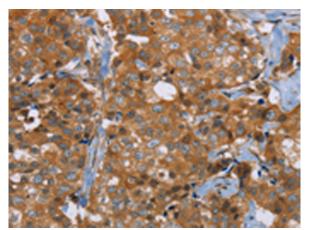
Research Areas: Signal Transduction, Neuroscience

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

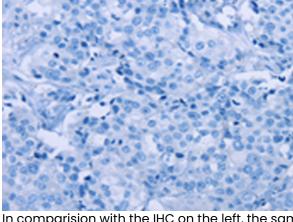


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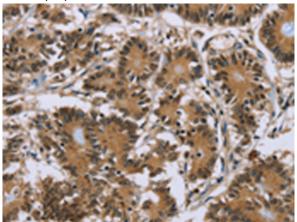
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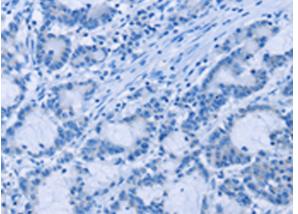
Immunohistochemistry analysis of paraffin embedded Human breast cancer tissue using 219959(P2RY1 Antibody) at a dilution of 1/40(Cytoplasm or Nucleus).



In comparision with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with the synthetic peptide and then with 219959(Anti-P2RYI Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of In comparision with the IHC on the left, the same paraffin-embedded Human colon cancer tissue using 219959(Anti-P2RY1 Antibody) at a dilution of first treated with synthetic peptide and then with 1/40.



paraffin-embedded Human colon cancer tissue is D260682(Anti-P2RYl Antibody) at dilution 1/40.



Gel: 10%SDS-PAGE, Lysate: 40 µg; Lane 1-2: A549 cells, mouse liver tissue; Primary antibody: 219959(P2RY1 Antibody) at dilution 1/200;

Secondary antibody: Goat anti rabbit IgG at

1/8000 dilution;

Exposure time: 30 seconds



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