

P2RY1 RABBIT PAB

Cat.#: S219959

Product Name: Anti-P2RY1 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

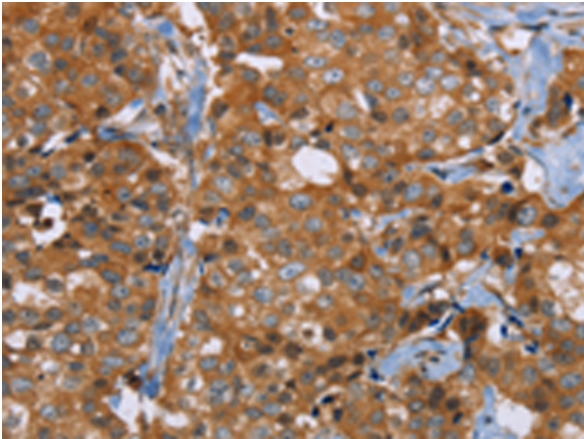
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

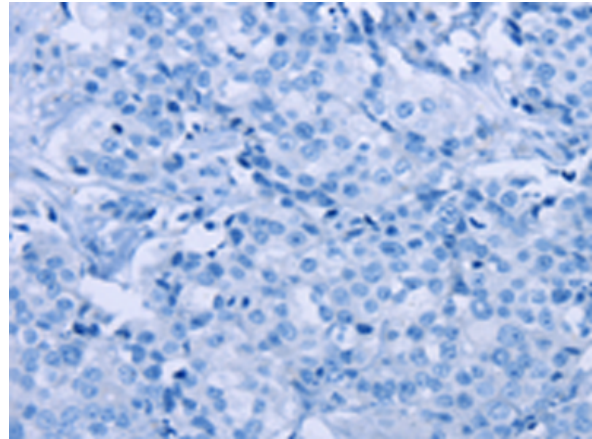
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Neuroscience

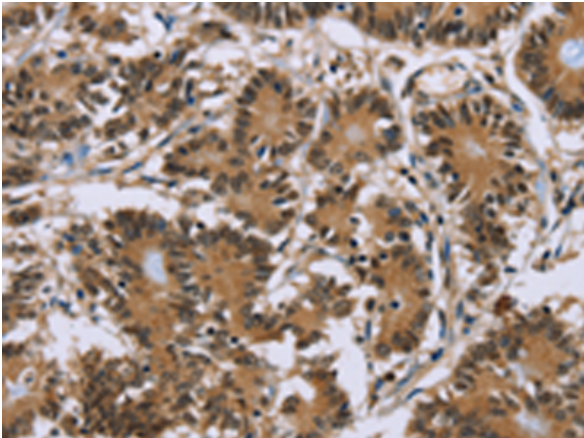
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



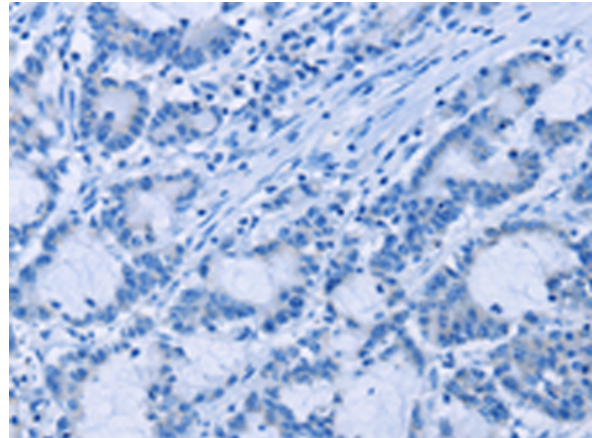
Immunohistochemistry analysis of paraffin embedded Human breast cancer tissue using 219959(P2RY1 Antibody) at a dilution of 1/40(Cytoplasm or Nucleus).



In comparison 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-P2RY1 Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using 219959(Anti-P2RY1 Antibody) at a dilution of 1/40.



In comparison with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with synthetic peptide and then with D260682(Anti-P2RY1 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



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
