

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

ARRB1 RABBIT PAB

Cat.#: S220102

Product Name: Anti-ARRB1 Rabbit Polyclonal Antibody **Synonyms:** ARB1; ARR1

UNIPROT ID: P49407 (Gene Accession - NP_004032)

Background: Members of arrestin/beta-arrestin protein family are thought to participate in agonistmediated desensitization of G-protein-coupled receptors and cause specific dampening of cellular responses to stimuli such as hormones, neurotransmitters, or sensory signals. Arrestin beta 1 is a cytosolic protein and acts as a cofactor in the beta-adrenergic receptor kinase (BARK) mediated desensitization of beta-adrenergic receptors. Besides the central nervous system, it is expressed at high levels in peripheral blood leukocytes, and thus the BARK/beta-arrestin system is believed to play a major role in regulating receptor-mediated immune functions. Alternatively spliced transcripts encoding different isoforms of arrestin beta 1 have been described.

Immunogen: Synthetic peptide of human ARRB1

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: Oct-50;WB: 500-2000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

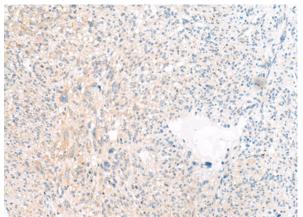
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol **Research Areas:** Signal Transduction, Neuroscience

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

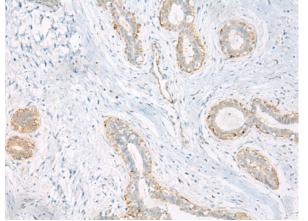


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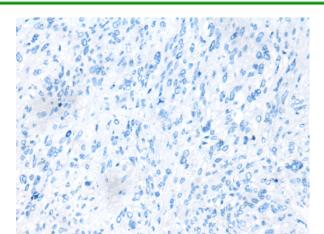
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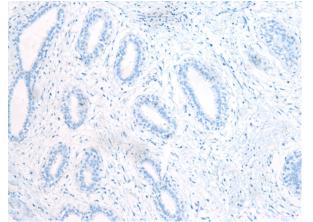
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 220102(ARRB1 Antibody) at a dilution of 1/20(Cytoplasm).



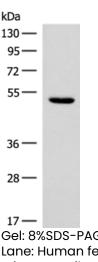
The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using 220102(Anti-ARRB1 Antibody) at a dilution of 1/20.



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 220102(Anti-ARRB1 Antibody) at dilution 1/20.



In comparision with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with synthetic peptide and then with D260958(Anti-ARRB1 Antibody) at dilution 1/20.



Gel: 8%SDS-PAGE, Lysate: 40 µg; Lane: Human fetal brain tissue lysate; Primary antibody: 220102(ARRB1 Antibody) at dilution 1/200; Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution; Exposure time: 1 minute



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