

## ARRB1 RABBIT PAB

**Cat.#:** S216364

**Product Name:** Anti-ARRB1 Rabbit Polyclonal Antibody

**Synonyms:** ARB1; ARR1

**UNIPROT ID:** P49407 (Gene Accession - BC003636 )

**Background:** Members of arrestin/beta-arrestin protein family are thought to participate in agonist-mediated 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:** Fusion protein of human ARRB1

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 50-200; ELISA: 1000-5000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

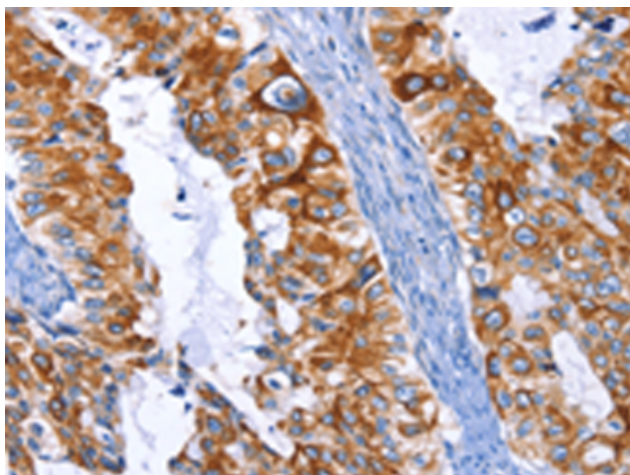
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

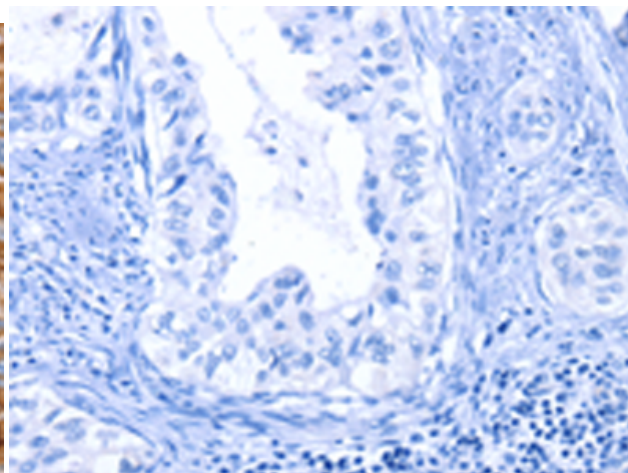
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction, Neuroscience

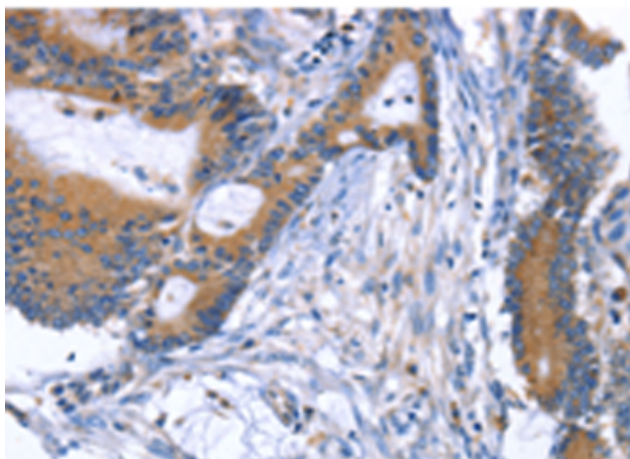
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



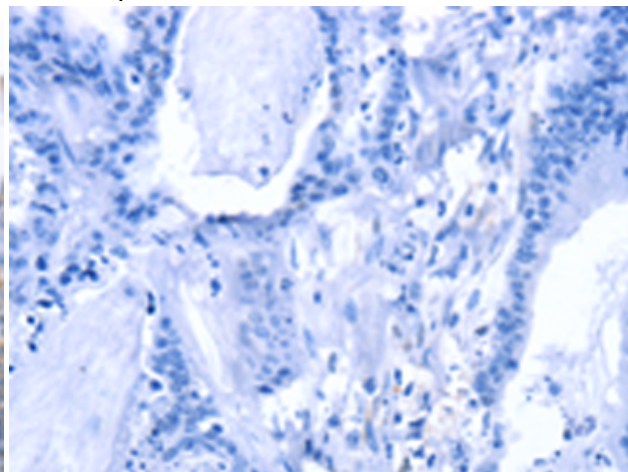
Immunohistochemistry analysis of paraffin embedded Human cervical cancer tissue using 216364(ARRB1 Antibody) at a dilution of 1/50(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with the fusion protein and then with 216364(Anti-ARRB1 Antibody) at dilution 1/50.



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using 216364(Anti-ARRB1 Antibody) at a dilution of 1/50.



In comparison with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with fusion protein and then with D220290(Anti-ARRB1 Antibody) at dilution 1/50.