

ARRB1

Reactivity: Human Mouse Rat

Tested applications: WB IHC ICC IF IP FC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:100 ICC 1:50 - 1:200 IF 1:50 - 1:100
IP 1:20 - 1:50 FC 1:20 - 1:50

Calculated MW: 50 kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human ARRB1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

ARB1; ARR1;

Catalog #: A10742

Antibody Type:

Monoclonal Antibody

Species: Rabbit

Gene ID: 408

Isotype: IgG

Swiss Prot: P49407

Purity: Affinity purification

For research use only.

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.

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