

Rabbit anti-Human Beta-Arrestin 1 Polyclonal Antibody | anti-ARRB1 antibody

Rabbit anti-Beta-Arrestin 1 Antibody, Affinity Purified

CATALOG # AAA212274	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Immunoprecipitation, Western Blot
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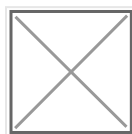
PRODUCT SYNONYMS

Beta-Arrestin 1; Polyclonal Antibody; Rabbit anti-Beta-Arrestin 1 Antibody; Affinity Purified; ARR1; arrestin 2; Arrestin beta-1; beta-arrestin-1; non-visual arrestin-2; ARB1; Beta-arrestin-1; arrestin beta 1; anti-ARRB1 antibody

PRODUCT SPECIFICATIONS

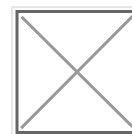
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-ARRB1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 368 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human Beta-Arrestin 1 by western blot and immunoprecipitation. Samples: Whole cell lysate from HEK293T (15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), HeLa (H; 50 ug) and Jurkat (J; 50 ug) cells. Antibodies: Affinity purified rabbit anti-Beta-Arrestin 1 antibody AAA212274 used for WB at 0.1 ug/ml (A) and 1 ug/ml (B) and used for IP at 6 ug/mg lysate. Beta-Arrestin 1 was also immunoprecipitated by rabbit anti-Beta-Arrestin 1 antibody BL13407, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 30 seconds (A and B).



IHC (Immunohistochemistry)

Detection of human Beta-Arrestin 1 by immunohistochemistry. Sample: FFPE section of human stomach carcinoma. Antibody: Affinity purified rabbit anti-Beta-Arrestin 1 (Cat. No. AAA212274 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-ARRB1 antibody

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. Beta-arrestin 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 [taken from NCBI Entrez Gene (Gene ID: 408)].

NCBI AND UNIPROT INFORMATION

NCBI GeneID	408
UniProt Accession #	P49407
UniProt Protein Name	Beta-arrestin-1
UniProt Gene Name	ARRB1
UniProt Synonym Gene Names	ARR1
UniProt Entry Name	ARRB1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/beta-arrestin-1-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212274>