

Rabbit beta Arrestin 1 Polyclonal Antibody | anti-ARRB1 antibody

Anti-beta Arrestin 1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45723	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

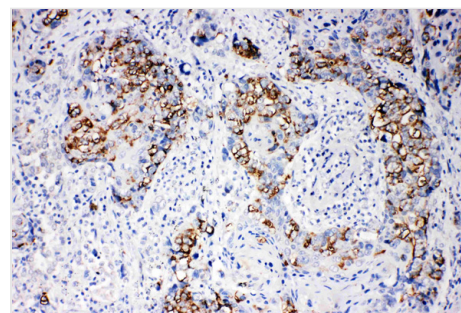
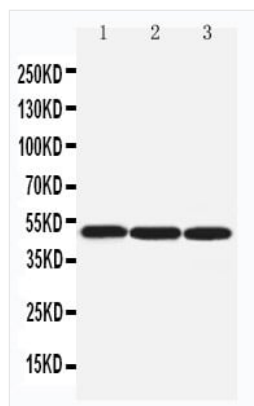
PRODUCT SYNONYMS

beta Arrestin 1; Polyclonal Antibody; Anti-beta Arrestin 1 antibody; Beta-arrestin-1; arrestin; beta 1; ARB1 antibody; ARR1 antibody; ARRB1 antibody; ARRB1_HUMAN antibody; Arrestin 2 antibody; Arrestin beta 1 antibody; Arrestin beta-1 antibody; Beta-arrestin-1 antibody; anti-ARRB1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	418
Applicable Applications for anti-ARRB1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human beta Arrestin 1 (82-103aa ANVQSFPAPEDKKPLRLQER), identical to the related rat and mouse sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti-beta Arrestin 1 antibody, AAA45723, IHC(P)IHC(P): Human Mammary Cancer Tissue

WB (Western Blot)

Anti-beta Arrestin 1 antibody, AAA45723, Western blotting
Lane 1: Rat Lung Tissue Lysate
Lane 2: Rat Skeletal Muscle Tissue Lysate
Lane 3: SW620 Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-ARRB1 antibody	Description: Rabbit IgG polyclonal antibody for Beta-arrestin-1(ARRB1) detection. Tested with WB, IHC-P in Human, Mouse, Rat. Background: Arrestin, beta 1, also known as ARRB1, is a protein which in humans is encoded by the ARRB1 gene. 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. By fluorescence in situ hybridization, this gene is mapped to 11q13.4. 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.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	20141238
NCBI GeneID	408
UniProt Accession #	P49407; O75625; O75630; Q2PP20; Q9BTK8; B6V9G8
Molecular Weight	46,309 Da
NCBI Official Full Name	Beta-arrestin-1
NCBI Official Synonym Full Names	arrestin, beta 1
NCBI Official Symbol	ARRB1
NCBI Official Synonym Symbols	ARB1; ARR1
NCBI Protein Information	beta-arrestin-1; arrestin 2
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.