

Rabbit Beta Arrestin 2 Polyclonal Antibody | anti-ARRB2 antibody

Anti-Beta Arrestin 2 antibody

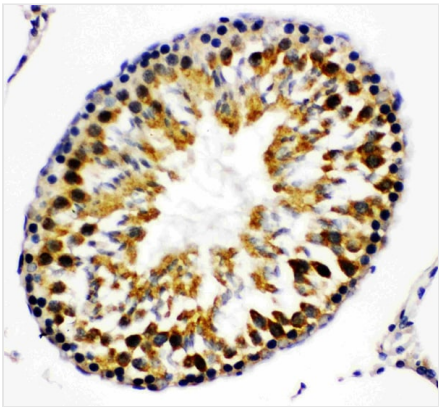
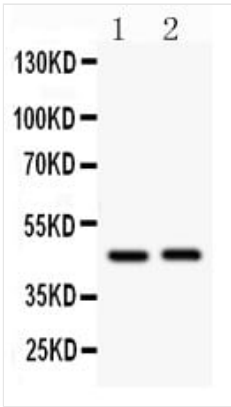
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45463	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Beta Arrestin 2; Polyclonal Antibody; Anti-Beta Arrestin 2 antibody; Beta-arrestin-2; arrestin beta-2; ARB 2 antibody; ARB2 antibody; ARR 2 antibody; ARR2 antibody; ARRB 2 antibody; ARRB2 antibody; ARRB2_HUMAN antibody; Arrestin 3 antibody; Arrestin beta 2 antibody; Arrestin beta-2 antibody; BARR2 antibody; Beta-arrestin-2 antibody; DKFZp686L0365 antibody; HGNC:712 antibody; anti-ARRB2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	409
Applicable Applications for anti-ARRB2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Beta Arrestin 2 (395-409aa RLKGMKDDDDYDDQLC), different from the related rat and mouse sequences by two amino acids.
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.

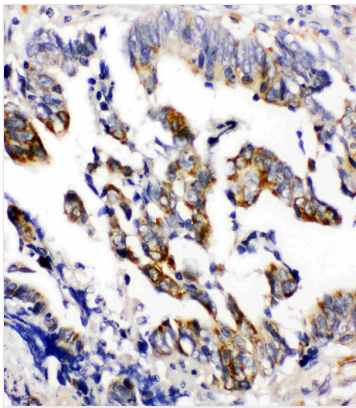


WB (Western Blot)

Anti-Beta Arrestin 2 antibody, AAA45463, Western blottingAll lanes: Anti ARRB2 (AAA45463) at 0.5ug/mLane 1: HELA Whole Cell Lysate at 40ugLane 2: Rat Skeletal Muscle Tissue Lysate at 50ugPredicted bind size: 46KDObserved bind size: 46KD

IHC (Immunohiostchemistry)

Anti-Beta Arrestin 2 antibody, AAA45463, IHC(P)IHC(P): Rat Testis Tissue



IHC (Immunohistochemistry)

Anti-Beta Arrestin 2 antibody, AAA45463, IHC(P)IHC(P): Human Intestinal Cancer Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-ARRB2 antibody

Description: Rabbit IgG polyclonal antibody for Beta-arrestin-2(ARRB2) detection. Tested with WB, IHC-P in Human, Mouse, Rat.

Background: ARRB2(arrestin beta-2), also known as Beta-arrestin-2, BARR2, ARB2, DKFZp686L0365, arrestin 3, is an intracellularprotein that in humans is encoded by the ARRB2 gene. Members of arrestin/beta-arrestin protein family are though 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, as well as having signalling roles in their own right. Arrestin beta 2, like arrestin beta 1, was shown to inhibit beta-adrenergic receptor function in vitro. It is expressed at high levels in the central nervous system and may play a role in the regulation of synaptic receptors. Beta-arrestins were originally discovered in the context of heterotrimeric G protein-coupled receptor desensitization, but they also function in internalization and signaling of these receptors.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20141230
NCBI GeneID	409
UniProt Accession #	P32121; Q0Z8D3; Q2PP19; Q6ICT3; Q8N7Y2; Q9UEQ6; B4DLW0; B5B0C0; B7WPL3; D3DTK2; H0Y688
Molecular Weight	44,392 Da
NCBI Official Full Name	Beta-arrestin-2
NCBI Official Synonym Full Names	arrestin, beta 2

NCBI Official Symbol	ARRB2
NCBI Official Synonym Symbols	ARB2; ARR2; BARR2
NCBI Protein Information	beta-arrestin-2; arrestin 3; arrestin beta-2
UniProt Protein Name	Beta-arrestin-2
UniProt Gene Name	ARRB2
UniProt Synonym Gene Names	ARB2; ARR2
UniProt Entry Name	ARRB2_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-2-antibody-immunohistochemistry-western-blot-elisa/45463>