

Rabbit ARRB2 Polyclonal Antibody | anti-ARRB2 antibody

ARRB2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199846	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

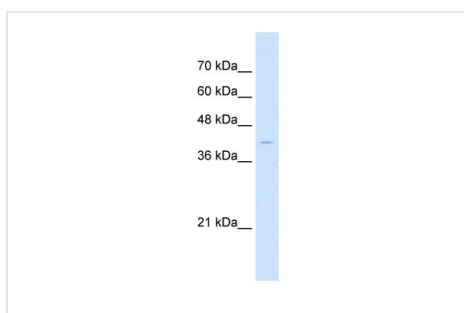
PRODUCT SYNONYMS

ARRB2; Polyclonal Antibody; ARRB2 antibody - middle region; anti-ARRB2 antibody

PRODUCT SPECIFICATIONS

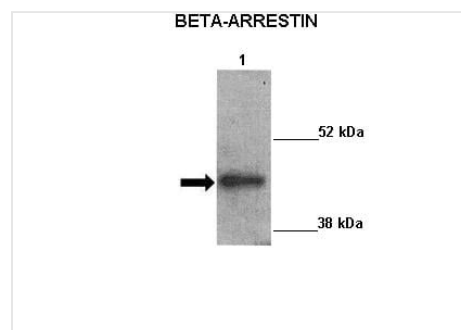
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: RL VIRKVQFAPE KPGPQPSAET TRHFLMSDRS LHLEASLDKE LYYHGEPL
Sequence Length	409
Applicable Applications for anti-ARRB2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 93%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ARRB2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



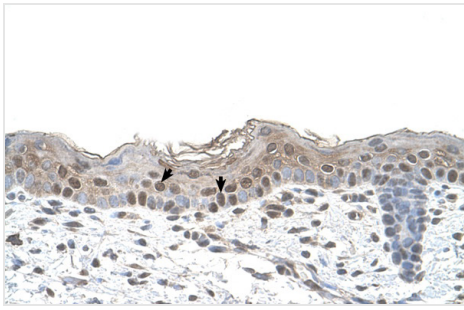
WB (Western Blot)

Sample Type: HepG2 cell lysate Antibody concentration: 1.0 ug/ml Gel concentration: 12% ARRB2 is supported by BioGPS gene expression data to be expressed in HepG2



WB (Western Blot)

Sample Type : Lane 1: 20ug mouse left ventricle heart lysate Primary Antibody Dilution :1:1000 Secondary Antibody:Anti-rabbit-HRP Secondary Antibody Dilution:1:5000 Color/Signal Descriptions:ARRB2 Gene Name:Kathleen Gabrielson Submitted by:



IHC (Immunohistochemistry)
Human Skin

ADDITIONAL INFORMATION

Related Product Information for anti-ARRB2 antibody	This is a rabbit polyclonal antibody against ARRB2. It was validated on Western Blot and immunohistochemistry Target Description: 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. ARRB2, 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. Besides the brain, a cDNA for arrestin beta 2 was isolated from thyroid gland, and thus it may also be involved in hormone-specific desensitization of TSH receptors. 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 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. Besides the brain, a cDNA for arrestin beta 2 was isolated from thyroid gland, and thus it may also be involved in hormone-specific desensitization of TSH receptors. Multiple alternatively spliced transcript variants have been found for this gene, but the full-length nature of some variants has not been defined.
Product Categories/Family for anti-ARRB2 antibody	Polyclonal ; Signal Proteins ; Lymphocyte Signaling ; Membrane Protein ; Transcription Regulation ; Developmental Biology ; Immunohistochemistry ; Receptors ; GPCR ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	39812055
NCBI GeneID	409
NCBI Accession #	NP_945355
NCBI GenBank Nucleotide #	NM_199004
UniProt Accession #	P32121
Molecular Weight	46kDa
NCBI Official Full Name	beta-arrestin-2 isoform 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
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://www.aaabiotech.com/polyclonal/arrb2-antibody-western-blot-immunohistochemistry-elisa/199846>