

Rabbit ARRB2 Polyclonal Antibody | anti-ARRB2 antibody

ARRB2 antibody

CATALOG # AAA302408	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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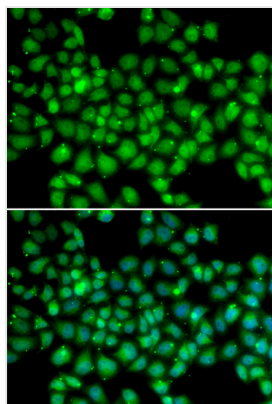
PRODUCT SYNONYMS

ARRB2; Polyclonal Antibody; ARRB2 antibody; ARB2; ARR2; BARR2; DKFZp686L0365; Beta Arrestin 2; anti-ARRB2 antibody

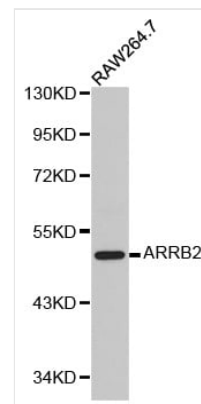
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total ARRB2 antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	430
Applicable Applications for anti-ARRB2 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human ARRB2.
Target Name	ARRB2
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using ARRB2 antibody. Blue: DAPI for nuclear staining.


WB (Western Blot)

Western blot analysis of RAW264.7 cell lysate using ARRB2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ARRB2 antibody	Arrestin proteins function as negative regulators of G protein-coupled receptor (GPCR) signaling. Cognate ligand binding stimulates GPCR phosphorylation, which is followed by binding of arrestin to the phosphorylated GPCR and the eventual internalization of the receptor and desensitization of GPCR signaling (1). Four distinct mammalian arrestin proteins are known. Arrestin 1 (also known as S-arrestin) and arrestin 4 (X-arrestin) are localized to retinal rods and cones, respectively. Arrestin 2 (also known as b-arrestin 1) and arrestin 3 (b-arrestin 2) are ubiquitously expressed and bind to most GPCRs (2). b-arrestins function as adaptor and scaffold proteins and play important roles in other processes, such as recruiting c-Src family proteins to GPCRs in Erk activation pathways (3,4). b-arrestins are also involved in some receptor tyrosine kinase signaling pathways (5-8). Additional evidence suggests that b-arrestins translocate to the nucleus and help regulate transcription by binding transcriptional cofactors (9,10).
Product Categories/Family for anti-ARRB2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	382545144
NCBI GeneID	409
NCBI Accession #	NP_001244257.1
NCBI GenBank Nucleotide #	NM_001257328.1
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 isoform 3
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/arrb2-antibody-immunofluorescence-western-blot-elisa/302408>