ARRB1 recombinant antibody

ARRB1 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA315132	**Rabbit**	**Human, Mouse, Rat**	**Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

ARRB1; Monoclonal Recombinant Antibody; ARRB1 Rabbit mAb; ARB1; ARR1; Arrestin beta 1; Beta arrestin 1; ARRB1 recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Specificity	ARRB1 Antibody detects endogenous levels of total ARRB1
Purity/Purification	Affinity-chromatography
Form/Format	Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for ARRB1 recombinant antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ARRB1
Preparation and Storage	Store at +4 degree C short term. Store at -20 degree C long term. Avoid freeze/thaw cycle.

IMAGES

IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded human kidney, using ARRB1 Antibody.

WB (Western Blot)
Western blot analysis of ARRB1 expression in 293T cell lysate.

ADDITIONAL INFORMATION

Related Product Information for ARRB1 recombinant 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. 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.
Product Categories/Family for ARRB1 recombinant antibody	Recombinant Rabbit Monoclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	10880136

NCBI GeneID	408
NCBI Accession #	NP_004032.2
NCBI GenBank Nucleotide #	NM_004041.4
UniProt Accession #	P49407; O75625; O75630; Q2PP20; Q9BTK8; B6V9G8
Molecular Weight	47,066 Da
NCBI Official Full Name	beta-arrestin-1 isoform A
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.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/arrb1-recombinant-antibody-flow-cytometry-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/315132