

Rabbit ARRB1 Polyclonal Antibody | anti-ARRB1 antibody

ARRB1 Polyclonal Antibody

CATALOG # AAA174145	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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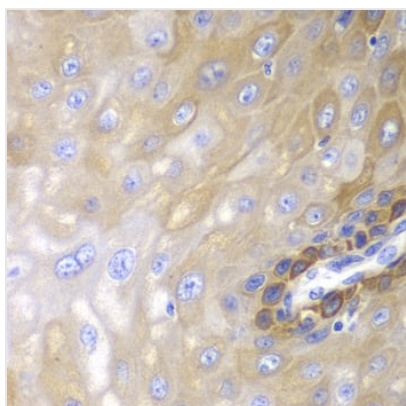
PRODUCT SYNONYMS

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

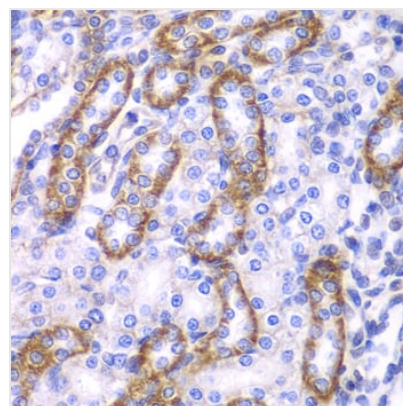
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration	1 mg/mL (varies by lot)
Sequence Length	410
Applicable Applications for anti-ARRB1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human ARRB1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

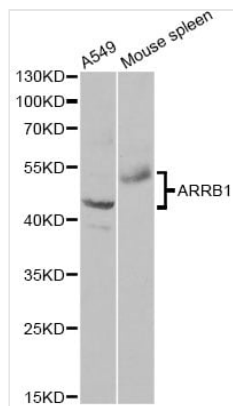
IMAGES


IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human esophagus using ARRB1 antibody.


IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded rat kidney using ARRB1 antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ARRB1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ARRB1 antibody

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 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. Alternatively spliced transcripts encoding different isoforms of arrestin beta 1 have been described.

Product Categories/Family for anti-ARRB1 antibody

[Cancer](#); [Neuroscience](#); [Signal transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	10880136
NCBI GeneID	408
NCBI Accession #	NP_004032.2
NCBI GenBank Nucleotide #	NM_004041.5
UniProt Accession #	P49407 ; O75625 ; O75630 ; Q2PPP20 ; Q9BTK8 ; B6V9G8
Molecular Weight	Calculated: 46kDa; 47kDa Observed: 43-54kDa
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
UniProt Protein Name	Beta-arrestin-1
UniProt Gene Name	ARRB1
UniProt Synonym Gene Names	ARR1

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.