Rabbit ARR3 Polyclonal Antibody | anti-ARR3 antibody

ARR3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40526	**Rabbit**	**Human, Mouse, Rat**	**Western Blot, ELISA**

PRODUCT SYNONYMS

ARR3; Polyclonal Antibody; ARR3 Antibody; ARRX; CAR; Arrestin-C; Cone arrestin; C-arrestin; arrestin 3; retinal (X-arrestin); anti-ARR3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ARR3 antibody is human, mouse and rat reactive. At least three isoforms of ARR3 are known to exist. This antibody is predicted to not cross-react with other members of the arrestin protein family.
Purity/Purification	ARR3 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	388
Applicable Applications for anti-ARR3 antibody	WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	ARR3 antibody was raised against a 17 amino acid peptide near the carboxy terminus of human ARR3.
Buffer	ARR3 antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	ARR3 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES

IF (Immunofluorescence)
Immunofluorescence of ARR3 in mouse spleen tissue with ARR3 antibody at 20 μg/ml.Green: ARR3 Antibody (7643)Blue: DAPI staining

IHC (Immunohiostchemistry)
Immunohistochemistry of ARR3 in mouse spleen tissue with ARR3 antibody at 2 μg/ml.

WB (Western Blot)
Western blot analysis of ARR3 in EL4 cell lysate with ARR3 antibody at (A) 0.5 and (B) 1 μg/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-ARR3 antibody	Arrestin 3 (ARR3) belongs to the Arrestin family of proteins that function as negative regulators of G protein-coupled receptor (GPCR) signaling (1,2). ARR3 binds the c-Jun N-terminal kinase 3 (JNK3) and scaffolds the apoptosis signal-regulating kinase 1 (ASK1)-MAPK kinase4-JNK3 cascade in a receptor-independent fashion, promoting JNK3 phosphorylation (3,4). ARR3 also mediates the internalization of the C-C chemokine receptor CCR7 upon the binding of its ligand CCL19, but not CCL21, suggesting that it helps mediate CCR7 receptor desensitization (5).

NCBI AND UNIPROT INFORMATION

NCBI GI #	156071467
NCBI GeneID	407
NCBI Accession #	NP_004303
NCBI GenBank Nucleotide #	NM_004312.2
UniProt Accession #	P36575; Q5JT23; Q5JT24; Q6IBF5; Q96EN2; B5B0B9
Molecular Weight	Predicted: 43 kDa Observed: 47 kDa
NCBI Official Full Name	arrestin-C
NCBI Official Synonym Full Names	arrestin 3, retinal (X-arrestin)
NCBI Official Symbol	ARR3
NCBI Official Synonym Symbols	ARRX
NCBI Protein Information	arrestin-C; cArr; C-arrestin; X-arrestin; arrestin 4; cone arrestin; retinal cone arrestin-3
UniProt Protein Name	Arrestin-C
UniProt Gene Name	**ARR3**
UniProt Synonym Gene Names	ARRX; CAR; C-arrestin; cArr
UniProt Entry Name	ARRC_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/arr3-antibody-western-blot-elisa/40526