

Product datasheet for **TA329152**

beta Arrestin 1 (ARRB1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-ARRB1 antibody: synthetic peptide directed towards the middle region of human ARRB1. Synthetic peptide located within the following region: NETPVDTNLIELDTNDDDIVFEDFARQLKGMKDDKEEEEDGTGSPQLNN
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	47 kDa
Gene Name:	arrestin beta 1
Database Link:	NP_004032 Entrez Gene 408 Human P49407



[View online »](#)

Background:

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, however, their exact functions are not known.

Synonyms:

ARB1; ARR1

Note:

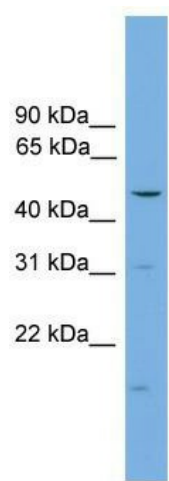
Immunogen sequence homology: Dog: 100%; Horse: 100%; Human: 100%; Bovine: 90%

Protein Families:

Druggable Genome

Protein Pathways:

Chemokine signaling pathway, Endocytosis, MAPK signaling pathway

Product images:

WB Suggested Anti-ARRB1 Antibody Titration: 0.2-1 ug/ml; Positive Control: THP-1 cell lysate