

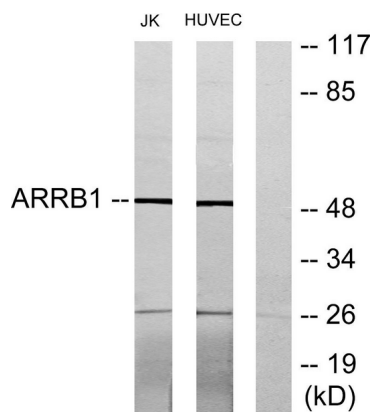


Product name:	Arrestin- β -1 Rabbit Polyclonal Antibody
Cat number:	AB-82194
Conjugate:	Unconjugated
Size:	100 ug
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human ARRB1. AA range:369-418
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight:	50kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Storage:	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Synonyms:	ARRB1; ARR1; Beta-arrestin-1; Arrestin beta-1
Source:	Rabbit
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. [provided by RefSeq, Jan 2011],function:Regulates beta-adrenergic receptor function. Beta-arrestins seem to bind phosphorylated beta-adrenergic receptors, thereby causing a significant impairment of their capacity to activate G(S) proteins.,online information:Arrestin entry,similarity:Belongs to the arrestin family.

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Web-site: <https://immunologicalsciences.com> - E-mail: info@immunologicalsciences.com



Western blot analysis of lysates from Jurkat and HUVEC cells, using ARRB1 Antibody. The lane on the right is blocked with the synthesized peptide.

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