

ARRB1 (Human) Cell-Based ELISA Kit

Catalog # KA2585

Size 1 Kit

Specification

Product Description	ARRB1 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of ARRB1 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — ARRB1

Entrez GeneID	408
Protein Accession#	P49407
Gene Name	ARRB1
Gene Alias	ARB1, ARR1
Gene Description	arrestin, beta 1

Omim ID [107940](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations arrestin 2|arrestin beta 1

Pathway

- [Chemokine signaling pathway](#)
- [Endocytosis](#)
- [MAPK signaling pathway](#)

Disease

- [Asthma](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)