

ARRB2 Rabbit Polyclonal Antibody

Catalog No: #54282

Package Size: #54282-1 50ul #54282-2 100ul

Description

Product Name	ARRB2 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human ARRB2 (NP_004304.1).
Conjugates	Unconjugated
Other Names	ARRB2;ARB2;ARR2;BARR2
Accession No.	Swiss Prot:P32121Gene ID:409
Calculated MW	44kDa/45kDa/46kDa/47kDa/48kDa
SDS-PAGE MW	Refer to figures
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB□1:2000 - 1:5000IHC□1:50 - 1:200

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 2, like arrestin beta 1, was shown to inhibit beta-adrenergic receptor function in vitro. It is expressed at high levels in the central nervous system and may play a role in the regulation of synaptic receptors. Besides the brain, a cDNA for arrestin beta 2 was isolated from thyroid gland, and thus it may also be involved in hormone-specific desensitization of TSH receptors. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.