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**Product Name: Beta Arrestin 2 Rabbit Monoclonal Antibody****Catalog #: AMRe87718**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,FC,IP
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,FC 1:200-1:500,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW:46 kDa; Observed MW:50 kDa

**Antigen Information**

<b>Gene Name</b>	Beta Arrestin 2
<b>Alternative Names</b>	ARB2; ARR2; BARR2
<b>Gene ID</b>	409, 216869, 25388
<b>SwissProt ID</b>	P32121, Q91YI4, P29067
<b>Immunogen</b>	A synthetic peptide of human Beta Arrestin 2

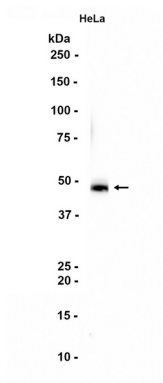
**Background**

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. [provided by RefSeq, Mar 2012]

## Research Area

## Image Data



Western blot analysis of extracts from HeLa cells using Beta Arrestin 2 Rabbit Monoclonal Antibody at 1:1000.