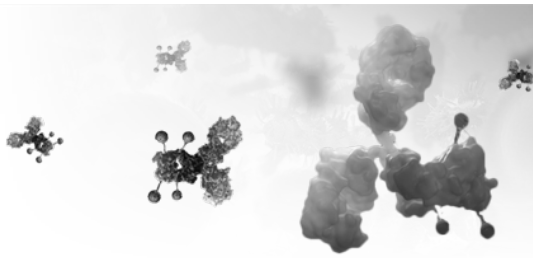

Human ARRB2 blocking peptide (CDBP0497)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Arrestin beta 2 antibody
Antigen Description	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]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	ARRB2 arrestin, beta 2 [Homo sapiens (human)]
Official Symbol	ARRB2

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Synonyms	ARRB2; arrestin, beta 2; ARB2; ARR2; BARR2; beta-arrestin-2; arrestin 3; arrestin beta-2;
Entrez Gene ID	409
mRNA Refseq	NM_001257328.1
Protein Refseq	NP_001244257.1
UniProt ID	P32121
Chromosome Location	17p13
Pathway	ALK1 signaling events, organism-specific biosystem; Activated NOTCH1 Transmits Signal to the Nucleus, organism-specific biosystem; Arf6 signaling events, organism-specific biosystem; Atypical NF-kappaB pathway, organism-specific biosystem; CXCR4-mediated signaling events, organism-specific biosystem; Calcium Regulation in the Cardiac Cell, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Corticotropin-releasi
Function	14-3-3 protein binding; D1 dopamine receptor binding; G-protein coupled receptor binding; alpha-1A adrenergic receptor binding; alpha-1B adrenergic receptor binding; angiotensin receptor binding; follicle-stimulating hormone receptor binding; mitogen-acti

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