



Human ADRB1 blocking peptide (CDBP0327)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-ADRB1 antibody
Antigen Description	The adrenergic receptors (subtypes alpha 1, alpha 2, beta 1, and beta 2) are a prototypic family of guanine nucleotide binding regulatory protein-coupled receptors that mediate the physiological effects of the hormone epinephrine and the neurotransmitter norepinephrine. Specific polymorphisms in this gene have been shown to affect the resting heart rate and can be involved in heart failure. [provided by RefSeq, Jul 2008]
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	ADRB1 adrenergic, beta-1-, receptor [Homo sapiens]
Official Symbol	ADRB1
Synonyms	ADRB1; adrenergic, beta-1-, receptor; ADRB1R; beta-1 adrenergic receptor; beta-1 adrenoceptor; beta-1 adrenoreceptor; RHR; B1AR; BETA1AR;
Entrez Gene ID	153

mRNA Refseq	NM_000684
Protein Refseq	NP_000675
UniProt ID	P08588
Chromosome Location	10q24-q26
Pathway	Adrenoceptors, organism-specific biosystem; Amine ligand-binding receptors, organism-specific biosystem; Calcium Regulation in the Cardiac Cell, organism-specific biosystem; Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Dilated cardiomyopathy, organism-specific biosystem;
Function	G-protein coupled receptor activity; PDZ domain binding; alpha-2A adrenergic receptor binding; beta-adrenergic receptor activity; beta1-adrenergic receptor activity; dopamine binding; drug binding; epinephrine binding; norepinephrine binding; protein bind