CD Creative Diagnostics®

Human CHRNB1 blocking peptide (CDBP0795)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-CHRNB1/ACHRB antibody
Antigen Description	The muscle acetylcholine receptor is composed of five subunits: two alpha subunits and one beta, one gamma, and one delta subunit. This gene encodes the beta subunit of the acetylcholine receptor. The acetylcholine receptor changes conformation upon acetylcholine binding leading to the opening of an ion-conducting channel across the plasma membrane. Mutations in this gene are associated with slow-channel congenital myasthenic syndrome. [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	CHRNB1 cholinergic receptor, nicotinic, beta 1 (muscle) [Homo sapiens]
Official Symbol	CHRNB1
Synonyms	CHRNB1; cholinergic receptor, nicotinic, beta 1 (muscle); cholinergic receptor, nicotinic, beta polypeptide 1 (muscle) , CHRNB; acetylcholine receptor subunit beta; acetylcholine receptor;

nicotinic; beta 1 (muscle); acetylcholine receptor, nicotinic, beta 1 (muscle); cholinergic receptor, nicotinic, beta polypeptide 1 (muscle); ACHRB; CHRNB; CMS1D; CMS2A; SCCMS; FLJ57107;

Entrez Gene ID	1140
mRNA Refseq	NM_000747
Protein Refseq	NP_000738
UniProt ID	P11230
Chromosome Location	17p13.1
Pathway	Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosystem;
Function	acetylcholine binding; contributes_to acetylcholine receptor activity; contributes_to acetylcholine-activated cation-selective channel activity; channel activity; extracellular ligand-gated ion channel activity; ligand-gated ion channel activity; receptor