Datasheet for ABIN263185

anti-CHRNB1 antibody (Internal Region)

1 Image

Go to Product page

Overview

Quantity:	100 µg
Target:	CHRNB1
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CHRNB1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	CHRNB1 / ACHRB
Immunogen:	Peptide with sequence C-QEQEDHDALKED, from the internal region of the protein sequence according to NP_000738.2.
Sequence:	QEQEDHDALK ED
Isotype:	IgG
Cross-Reactivity:	Cow, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	CHRNB1
Alternative Name:	CHRNB1 (CHRNB1 Products)
Background:	CHRNB1, ACHRB, cholinergic receptor, nicotinic, beta 1 (muscle) , CHRNB, CMS1D, CMS2A, SCCMS, cholinergic receptor, nicotinic, beta polypeptide 1 (muscle), nicotinic acetylcholine receptor beta 1 subunit
Gene ID:	1140
NCBI Accession:	NP_000738
Pathways:	Synaptic Membrane

Application Details

Application Notes:	Western Blot: Approx 55 kDa band observed in human brain (cerebellum, hippocampus, frontal cortex) lysates (calculated MW of 56.7 kDa according to NP_000738.2). Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:1000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images

Image 1. ABIN263185 (1µg/ml) staining of human cerebellum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.