EB08494 - Goat Anti-CHRNB1 / ACHRB Antibody
Size: 100μg specific antibody in 200μl

Target Protein
Principal Names: 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
Official Symbol: CHRNB1
Accession Number(s): NP_000738.2
Human GeneID(s): 1140

Immunogen
Peptide with sequence C-QEQEDHDALKED, from the internal region of the protein sequence according to NP_000738.2.

Please note the peptide is available for sale.

Purification and Storage
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested
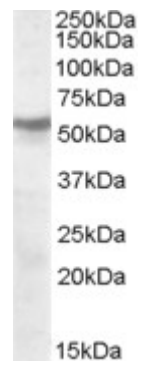**Peptide ELISA:** antibody detection limit dilution 1:1000.
Western blot: Approx 55kDa band observed in human brain (cerebellum, hippocampus, frontal cortex) lysates (calculated MW of 56.7kDa according to NP_000738.2).
Recommended concentration: 1-3μg/ml.

Species Reactivity
Tested: Human
Expected from sequence similarity: Human, Mouse, Rat, Cow

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

EB08494 (1µg/ml) staining of human cerebellum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.