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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



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