

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## 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.

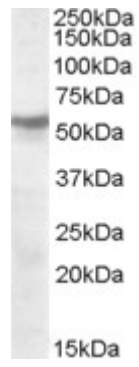
**Western blot:** Approx 55kDa band observed in human brain (cerebellum, hippocampus, frontal cortex) lysates (calculated MW of 56.7kDa according to NP\_000738.2).

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.