



## International Office

### Everest Biotech Ltd

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

## EB08531 - Goat Anti-CHRNA3 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CHRNA3, cholinergic receptor, nicotinic, beta 3, acetylcholine receptor, neuronal nicotinic, beta-3 subunit, cholinergic receptor, nicotinic, beta polypeptide 3

**Official Symbol:** CHRNA3

**Accession Number(s):** NP\_000740.1

**Human GeneID(s):** [1142](#)

**Non-Human GeneID(s):** 108043 (mouse), 171131 (rat)

### Immunogen

Peptide with sequence C-SRHVKKEHFISQ, from the internal region of the protein sequence according to NP\_000740.1.

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 1:16000.

**Western blot:** Approx. 50kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 52.7kDa according to NP\_000740.1). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat



EB08531 (1µg/ml) staining of Human Cerebellum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.