



## UK Office

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

## EB10204 - Goat Anti-ACHRE / CHRNE Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** AchR epsilon subunit, ACHRE, cholinergic receptor, nicotinic, epsilon, cholinergic receptor, nicotinic, epsilon polypeptide, CMS1D, CMS1E, CMS2A, FCCMS, nicotinic acetylcholine receptor epsilon polypeptide, SCCMS, CHRNE

**Official Symbol:** CHRNE

**Accession Number(s):** NP\_000071.1

**Human GeneID(s):** [1145](#)

**Non-Human GeneID(s):** 11448 (mouse), 29422 (rat)

### Immunogen

Peptide with sequence C-DQEATGEEVSD, from the Internal region of the protein sequence according to NP\_000071.1.

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

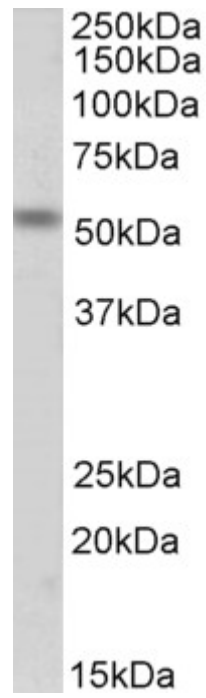
**Peptide ELISA:** antibody detection limit dilution 1:1000.

**Western blot:** Approx 55kDa band observed in Mouse Fetal Skeletal Muscle lysates (calculated MW of 54.9kDa according to NP\_033733.1). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Mouse

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



EB10204 (1 $\mu$ g/ml) staining of Mouse Fetal Skeletal Muscle lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.