



## UK Office

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

## EB11233 - Goat Anti-CHRNE (aa185-197) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

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

**Official Symbol:** CHRNE

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

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

**Important Comments:** The immunizing peptide represents a part of an extracellular domain

### Immunogen

Peptide with sequence C-DGKTINKIDIDTE, 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 1:4000.

**Western blot:** Preliminary experiments in Human Heart and Skeletal Muscle lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human