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

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

## EB06659 - Goat Anti-ACHE Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** acetylcholinesterase; apoptosis-related acetylcholinesterase, OTTHUMP00000211356, OTTHUMP00000211349, OTTHUMP00000211347, N-ACHE, ARACHE, acetylcholinesterase (YT blood group), YT, ACHE

**Official Symbol:** ACHE

**Accession Number(s):** NP\_000656.1

**Human GeneID(s):** [43](#)

**Important Comments:** This antibody is expected to recognise isoform NP\_000656 only (the ubiquitously expressed, hydrophilic form).

### Immunogen

Peptide with sequence QFDHYSKQDRCSL, from the C Terminus of the protein sequence according to NP\_000656.1.

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 1:2000.

**Western blot:** Approx 70kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 67.8kDa according to NP\_000656.1). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

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



EB06659 (1µg/ml) staining of Human Cerebellum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.