



## UK Office

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

## EB08480 - Goat Anti-CHRNA2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CHRNA2, cholinergic receptor, nicotinic, beta 2 (neuronal), EFNL3, nAChRB2, cholinergic receptor, nicotinic, beta polypeptide 2 (neuronal), neuronal nicotinic acetylcholine receptor beta 2

**Official Symbol:** CHRNA2

**Accession Number(s):** NP\_000739.1

**Human GeneID(s):** [1141](#)

### Immunogen

Peptide with sequence QPRHHCARQLR, from the internal region of the protein sequence according to NP\_000739.1.

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 1:64000.

**Western blot:** Approx. 40-48 kDa band observed in Human Brain (Cerebellum,) lysates (calculated MW of 57.0 kDa according to NP\_000739.1). This molecular weight is routinely observed by other sources. Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature.

**IHC:** Paraffin embedded Human Uterus. Recommended concentration: 2.5µg/ml.

### Species Reactivity

**Tested:** Human

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

EB08480 (1µg/ml) staining of Human Cerebellum lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB08480 (2.5µg/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.