



## UK Office

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

## EB06391 - Goat Anti-CPEB1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CPEB1, CPEB, FLJ13203, cytoplasmic polyadenylation element binding protein 1, CEBP, CPE-BP1, MGC34136, MGC60106, CPE-binding protein 1

**Official Symbol:** CPEB1

**Accession Number(s):** NP\_085097.3; NP\_001073001.1; NP\_001073002.1; NP\_001073003.1

**Human GeneID(s):** [64506](#)

**Important Comments:** This antibody is expected to recognise alle reported isoforms. Variants (NP\_001073002.1; NP\_001073003.1) encode the same isoform.

### Immunogen

Peptide with sequence C-PLMRNQKNRDSS, from the C Terminus of the protein sequence according to NP\_085097.3; NP\_001073001.1; NP\_001073002.1; NP\_001073003.1.

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 1:128000.

**Western blot:** Approx 65-70kDa band observed in Human Brain lysates (predicted MW of 65kDa according to NP\_085097). Recommended for use at 0.5-2µg/ml. Please note this band was always accompanied by a slightly stonger band at approx 48kDa and further both bands could be blocked by incubation with the immunising peptide.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB06391 staining (0.5 $\mu$ g/ml) of human brain lysate (RIPA buffer, 35 $\mu$ g total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.