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.
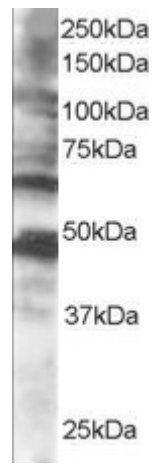
Applications Tested
Peptide ELISA: antibody detection limit dilution 1:128000.
Western blot: Approx 65-70kDa band observed in Human Brain lysates (predicted MW of 65kDa according to NP_085097). Recommended for use at 0.5-2µg/ml. Please note this band was always accompanied by a slightly stonger band 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

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa

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

Auto-generated 29/04/2025