

Goat anti-CPEB1 Antibody

Item Number	dAP-0444
Target Molecule	Principle Name: CPEB1; Official Symbol: CPEB1; All Names and Symbols: CPEB1; CPEB; FLJ13203; cytoplasmic polyadenylation element binding protein 1; CEBP; CPE-BP1; MGC34136; MGC60106; CPE-binding protein 1; Accession Number (s): NP_085097.3; NP_001073001.1; NP_001073002.1; NP_001073003.1; Human Gene ID(s): 64506; Non-Human GeneID(s):
Immunogen	PLMRNQKNRDSS, is from C Terminus This antibody is expected to recognise alle reported isoforms. Variants (NP_001073002.1; NP_001073003.1) encode the same isoform.
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	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 stronger band at approx 48kDa and further bands.
IHC	
Reference	Reference(s): Welk JF, Charlesworth A, Smith GD, MacNicol AM. Identification and characterization of the gene encoding human cytoplasmic polyadenylation element binding protein. <i>Gene</i> . 2001 Jan 24;263(1-2):113-20. PMID: 11223249 >

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**