
CPEB1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253906

Unit: 0.1 mg

Description:

CPEB1 is an RNA binding protein that contains an RNA-recognition motif and a zinc finger-containing region found in a wide range of vertebrates and invertebrates. CPEB1 forms the nucleus of a complex of factors that regulate poly(A) elongation and promotes polyadenylation-induced translation. CPEB1 mediates many diverse biological processes such as germ cell development, cell division and senescence, and synaptic plasticity. Recently, it was discovered that CPEB1 is involved in beta-catenin mRNA translation and cell migration in astrocytes as well as regulating hypoxia-inducible factor (HIF)-1 expression, demonstrating the wide range of processes in which CPEB1 plays a role. At least four isoforms of CPEB1 are known to exist.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: CPEB1 ; Cytoplasmic polyadenylation element-binding protein 1; CPE-B1; CEBP

Accession No.: Q9BZB8

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human CPEB1.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.