

Datasheet for ABIN6990938

anti-CPEB1 antibody (N-Term)[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	CPEB1
Binding Specificity:	AA 50-100, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CPEB1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	CPEB1 antibody was raised against a 14 amino acid synthetic peptide from near the amino terminus of human CPEB1. The immunogen is located within amino acids 50 - 100 of CPEB1.
Isotype:	IgG
Purification:	CPEB1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	CPEB1
Alternative Name:	CPEB1 (CPEB1 Products)
Background:	CPEB1 Antibody: 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

Target Details

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.

Gene ID:	64506
UniProt:	Q9BZB8
Pathways:	Synaptic Membrane

Application Details

Application Notes:	CPEB1 antibody can be used for detection of CPEB1 by Western blot at 1 - 2 µg/mL. Antibody validated: Western Blot in rat samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	CPEB1 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	CPEB1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.