

Rabbit CPEB1 Polyclonal Antibody | anti-CPEB1 antibody

CPEB1 Antibody

CATALOG # AAA39331	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, ELISA
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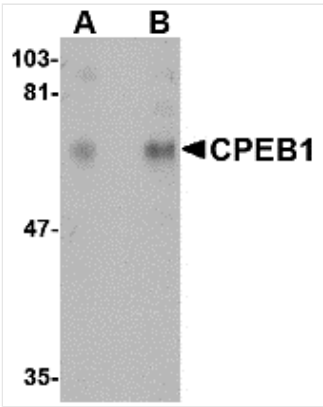
PRODUCT SYNONYMS

CPEB1; Polyclonal Antibody; CPEB1 Antibody; CEBP; CPEB; CPEB-1; CPE-BP1; hCPEB-1; Cytoplasmic polyadenylation element-binding protein 1; cytoplasmic polyadenylation element binding protein 1; anti-CPEB1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	CPEB1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid; CPEB1 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL (varies by lot)
Sequence Length	566
Applicable Applications for anti-CPEB1 antibody	WB (Western Blot), ELISA
Conjugate	Unconjugated
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.
Positive Control	- Rat Brain Tissue Lysate
Preparation and Storage	CPEB1 antibody can be stored at 4°C for three months and -204°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.

IMAGES



WB (Western Blot)
Western blot analysis of CPEB1 in rat brain tissue lysate with CPEB1 antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CPEB1 antibody	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 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74762720
NCBI GeneID	64506
UniProt Accession #	Q9BZB8; Q86W46; Q8IV41; Q9BZB7; Q9H8V5; B7Z6C6
NCBI Official Full Name	Cytoplasmic polyadenylation element-binding protein 1
NCBI Official Synonym Full Names	cytoplasmic polyadenylation element binding protein 1
NCBI Official Symbol	CPEB1
NCBI Official Synonym Symbols	CPEB; CPEB-1; CPE-BP1; hCPEB-1
NCBI Protein Information	cytoplasmic polyadenylation element-binding protein 1; CPE-binding protein 1
UniProt Protein Name	Cytoplasmic polyadenylation element-binding protein 1
UniProt Gene Name	CPEB1
UniProt Synonym Gene Names	CPEB; CPE-BP1; CPE-binding protein 1; h-CEBP; hCPEB-1
UniProt Entry Name	CPEB1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.