

Datasheet for ABIN7466133 **anti-CPEB1 antibody**



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Overview

Quantity:	100 µL
Target:	CPEB1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CPEB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human CPEB1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	CPEB1
Alternative Name:	cytoplasmic polyadenylation element binding protein 1 (CPEB1 Products)
Background:	Cytoplasmic polyadenylation element binding protein 1 , CPE-BP1 , CPEB , CPEB-1 , h-CPEB , hCPEB-1, This gene encodes a member of the cytoplasmic polyadenylation element (CPE) binding protein family. This highly conserved protein binds to a specific RNA sequence called

Target Details

the CPE found in the 3' UTR of some mRNAs. Similar proteins in Xenopus and mouse function to induce cytoplasmic polyadenylation of dormant mRNAs with short polyA tails, resulting in their translation. Members of this protein family regulate translation of cyclin B1 during embryonic cell divisions. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Molecular Weight: 63 kDa

Gene ID: 64506

UniProt: [Q9BZB8](#)

Pathways: [Synaptic Membrane](#)

Application Details

Application Notes: WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: HepG2

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.