

CPEB1 rabbit monoclonal antibody

Catalog # H00064506-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CPEB1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CPEB1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CPEB1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — CPEB1

Entrez GeneID [64506](#)

GeneBank Accession# [CPEB1](#)

Gene Name CPEB1

Gene Alias CEBP, CPE-BP1, CPEB, FLJ13203, MGC34136, MGC60106

Gene Description cytoplasmic polyadenylation element binding protein 1

Omim ID [607342](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 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]

Other Designations CPE-binding protein 1

Pathway

- [Dorso-ventral axis formation](#)

Disease

- [Genetic Predisposition to Disease](#)