



CPEB1 blocking peptide (CDBP5323)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description This gene encodes a member of the cytoplasmic polyadenylation element binding protein family. This highly conserved protein binds to a specific RNA sequence, called the cytoplasmic polyadenylation element, found in the 3' untranslated region of some mRNAs. The encoded protein functions in both the cytoplasm and the nucleus. It is involved in the regulation of mRNA translation, as well as processing of the 3' untranslated region, and may play a role in cell proliferation and tumorigenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]

Conjugate Unconjugated

Applications Used as a blocking peptide in immunoblotting applications.

Format Liquid

Concentration 200 µg/mL

Size 0.05 mg

Preservative None

Storage -20°C

GENE INFORMATION

Gene Name [CPEB1 cytoplasmic polyadenylation element binding protein 1 \[Homo sapiens \(human\) \]](#)

Official Symbol CPEB1

Synonyms CPEB1; cytoplasmic polyadenylation element binding protein 1; CEBP; CPEB; CPEB-1; CPE-BP1; hCPEB-1; cytoplasmic polyadenylation element-binding protein 1; CPE-binding protein 1

Entrez Gene ID	64506
mRNA Refseq	NM_001079533
Protein Refseq	NP_001073001
UniProt ID	Q9BZB8
Pathway	Aurora A signaling; Dorso-ventral axis formation; Oocyte meiosis; Progesterone-mediated oocyte maturation
Function	mRNA 3'-UTR AU-rich region binding; metal ion binding; nucleotide binding; translation repressor activity, nucleic acid binding