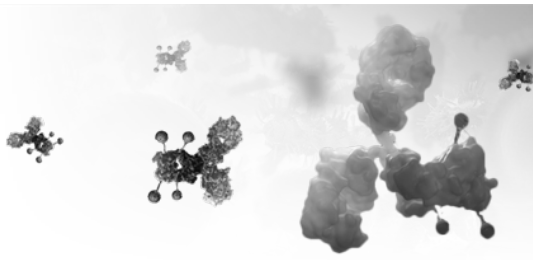

Human CPEB1 blocking peptide (CDBP0868)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-CPEB1 antibody
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]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -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-

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

	BP1; hCPEB-1; cytoplasmic polyadenylation element-binding protein 1; CPE-binding protein 1;
Entrez Gene ID	64506
mRNA Refseq	NM_001079533.1
Protein Refseq	NP_001073001.1
UniProt ID	Q9BZB8
Chromosome Location	15q25.2
Pathway	Aurora A signaling, organism-specific biosystem; Dorso-ventral axis formation, organism-specific biosystem; Dorso-ventral axis formation, conserved biosystem; Oocyte meiosis, organism-specific biosystem; Oocyte meiosis, conserved biosystem; Progesterone-mediated oocyte maturation, organism-specific biosystem; Progesterone-mediated oocyte maturation, conserved biosystem;
Function	mRNA 3-UTR AU-rich region binding; metal ion binding; nucleotide binding; translation repressor activity, nucleic acid binding;

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