CPEB4 Antibody (N-Term) Blocking Peptide

PRODUCT OVERVIEW

Product Name	CPEB4, Blocking Peptide
Full Product Name	CPEB4 Antibody (N-term) Blocking peptide
Product Gene Name	CPEB4 blocking peptide
Product Synonym Gene Name	KIAA1673
Product Synonym Names	Cytoplasmic polyadenylation element-binding protein 4; CPE-BP4; CPE-binding protein 4; hCPEB-4; CPEB4; KIAA1673
Form/Format	Synthetic peptide was lyophilized with 100% acetonitrile and is supplied as a powder. Reconstitute with 0.1 ml DI water for a final concentration of 1 mg/ml.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.
Antibody/Peptide Pairs	CPEB4 peptide (MBS9225713) is used for blocking the activity of CPEB4 antibody (MBS9214953)
Molecular Weight	36,212 Da
OMIM	610607
Related Product Information for CPEB4 blocking peptide	MBS9225713 is a blocking peptide targeting CPEB4. Also known as CPEB4 Antibody (N-term) Blocking peptide.
Other Notes	Small volumes of CPEB4 blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CPEB4. It may not necessarily be applicable to this product.

NCBI GI #	189027090
NCBI GeneID	80315
NCBI Accession #	NP_085130.2
UniProt Primary Accession #	Q17RY0
UniProt Secondary Accession #	Q7Z310; Q8N405; Q9C0J0; B7ZLQ7
UniProt Related Accession #	Q17RY0
GenBank Nucleotide #	NM_030627.3
NCBI Official Full Name	cytoplasmic polyadenylation element-binding protein 4 isoform a
NCBI Official Synonym Full Names	cytoplasmic polyadenylation element binding protein 4
NCBI Official Symbol	CPEB4
NCBI Official Synonym Symbols	CPE-BP4; hCPEB-4
UniProt Protein Name	Cytoplasmic polyadenylation element-binding protein 4
Protein Family	Cytoplasmic polyadenylation element-binding protein
UniProt Gene Name	CPEB4

UniProt Synonym Gene Names	KIAA1673; CPE-BP4; CPE-binding protein 4; hCPEB-4
UniProt Entry Name	CPEB4_HUMAN
NCBI Protein Information	cytoplasmic polyadenylation element-binding protein 4
UniProt Comments for CPEB4	CPEB4: Belongs to the RRM CPEB family. 3 isoforms of the human protein are produced by alternative splicing. Protein type: RNA-binding Chromosomal Location of Human Ortholog: 5q21 Cellular Component: cytoplasm; dendrite; endoplasmic reticulum; neuron projection; nucleus; postsynaptic density; synapse Molecular Function: mRNA 3'-UTR binding; protein binding; ribosome binding; translation factor activity, nucleic acid binding; translation repressor activity, nucleic acid binding Biological Process: cellular response to glucose starvation; ionotropic glutamate receptor signaling pathway; negative regulation of neuron apoptosis
Research Articles on CPEB4	**1.** CPEB1, 2, and 4, are essential to successful mitotic cell division.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/blocking-peptide/cpeb4/9225713