CPEB4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CPEB4, Polyclonal Antibody
Full Product Name	CPEB4 Conjugated Antibody
Product Gene Name	anti-CPEB4 antibody
Product Synonym Names	CPE-BP4; hCPEB-4
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	The antibody detects endogenous levels of total CPEB4 protein.
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	36,212 Da
OMIM	610607
3D Structure	ModBase 3D Structure for Q17RY0
Immunogen	Fusion protein of human CPEB4
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-CPEB4 antibody	Most Applications
Application Notes for anti-CPEB4 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-CPEB4 antibody	Cytoplasmic polyadenylation element binding protein 4 (CPEB4) is a sequence-specific RNA-binding protein that participates in translational control. CPEB4 is a member of the CPEB family, which includes CPEB1, CPEB2, CPEB3, and CPEB4, all of which share structure and sequence identity in the C-terminal RNA-binding domain (RBD). CPEB4 has two domains: one that is structured for RNA binding and one that is unstructured and low complexity that has no known function.
Other Notes	Small volumes of anti-CPEB4 antibody 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.
Searchable Terms for CPEB4 purchase	MBS9454841 is an antibody targeting CPEB4. Also known as CPEB4 Conjugated Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

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

NCBI GI #	22477914
NCBI GeneID	80315
NCBI Accession #	BC036899
UniProt Primary Accession #	Q17RY0
UniProt Secondary Accession #	Q7Z310; Q8N405; Q9C0J0; B7ZLQ7
UniProt Related Accession #	Q17RY0
NCBI Official Full Name	Homo sapiens cytoplasmic polyadenylation element binding protein 4, mRNA
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
Research Articles on CPEB4	**1.** Identify a mechanism of VEGF overexpression in liver and mesentery that promotes pathologic, but not physiologic, angiogenesis, via sequential and nonredundant functions of CPEB1 and CPEB4.
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/polyclonal-human-antibody/cpeb4/9454841