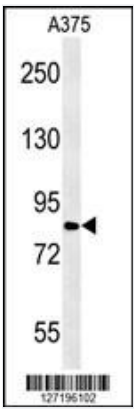
CPEB4 Antibody – Rabbit Polyclonal

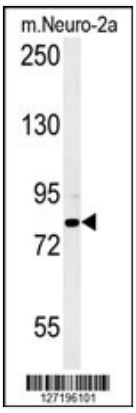
PRODUCT OVERVIEW

Product Name	CPEB4, Polyclonal Antibody
Full Product Name	CPEB4, NT (CPEB4, KIAA1673, Cytoplasmic polyadenylation element-binding protein 4) (Azide free) (HRP)
Product Gene Name	anti-CPEB4 antibody
Product Synonym Names	CPEB4; KIAA1673; Cytoplasmic polyadenylation element-binding protein 4
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	80,152 Da
Chromosome Location	Chromosome: 5; NC_000005.9 (173315331..173387313). Location: 5q21
OMIM	610607
3D Structure	ModBase 3D Structure for Q17RY0
Immunogen	CPEB4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 116-145 amino acids from the N-terminal region of human CPEB4.
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-CPEB4 antibody	Antibodies; Binding Proteins
Applications Tested/Suitable for anti-CPEB4 antibody	Immunohistochemistry (IHC), ELISA (EIA), Western Blot (WB)
Application Notes for anti-CPEB4 antibody	IHC: 1:50-100 ELISA: 1:1,000 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-CPEB4 antibody	MBS6288267 is an antibody targeting CPEB4. Also known as CPEB4, NT (CPEB4, KIAA1673, Cytoplasmic polyadenylation element-binding protein 4) (Azide free) (HRP). Reactive in Human, Mouse. Host: Rabbit. There are 3 named isoforms produced by alternative splicing.
Product References and Citations for anti-CPEB4 antibody	Kurihara, Y., et al. Biol. Reprod. 69(1):261-268(2003).

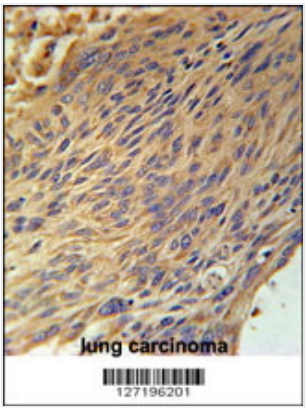
Other Notes	Small volumes of anti-CPEB4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-CPEB4 antibody
CPEB4 Antibody (N-term) western blot analysis in A375 cell line lysates (15ug/lane).This demonstrates the CPEB4 antibody detected the CPEB4 protein (arrow).



Western Blot (WB) of anti-CPEB4 antibody
CPEB4 Antibody (N-term) western blot analysis in mouse Neuro-2a cell line lysates (15ug/lane).This demonstrates the CPEB4 antibody detected the CPEB4 protein (arrow).



Immunohistochemistry (IHC) of anti-CPEB4 antibody
CPEB4 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CPEB4 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

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_030627.2
NCBI Official Full Name	cytoplasmic polyadenylation element-binding protein 4
NCBI Official Synonym Full Names	cytoplasmic polyadenylation element binding protein 4
NCBI Official Symbol	CPEB4
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; CPE-BP4; hCPEB-4; CPE-binding protein 4
Research Articles on CPEB4	**1.** Knockdown of CPEB4 expression significantly facilitated HCC cell migration and invasion.
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.
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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.

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