

Rabbit Anti-CPEB3/AP Conjugated antibody

SL11340R-AP

Product Name	Anti-CPEB3/AP
Chinese Name	碱性磷酸酶 (AP) 标记的细胞质多聚腺苷酸 Binding protein3 抗体
Alias	CPE-binding protein 3; CPE-BP3; CPEB 3; Cpeb3; CPEB3_HUMAN; Cytoplasmic polyadenylation element binding protein 3; Cytoplasmic polyadenylation element-binding protein 3; hCPEB-3; KIAA0940.
Research Area	Cell biology Neurobiology Cyclin
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep) WB=1000-10000,IHC-P=1:100-500,IHC-F=1:100-500,ELISA=1:500-5000
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	76kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human CPEB3
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Storage	
Product Detail	background: The regulated translation of messenger RNA is essential for cell-cycle progression, establishment of the body plan during early development and modulation of key activities in the central nervous system. Cytoplasmic polyadenylation, one mechanism of controlling translation, is driven by cytoplasmic polyadenylation element binding proteins, called CPEBs. CPEB3 (cytoplasmic polyadenylation element binding protein 3) is a 698 amino acid

protein that contains two RNA recognition motif (RRM) domains and, like other CPEB proteins, may play a role in the maturation of the central nervous system. CPEB3 exists as multiple alternatively spliced isoforms that are encoded by a gene which maps to human chromosome 10, which houses over 1,200 genes and comprises nearly 4.5% of the human genome.

Similarity:

Belongs to the RRM CPEB family.

Contains 2 RRM (RNA recognition motif) domains.

Database links:

[Entrez Gene: 22849](#) Human

[Entrez Gene: 208922](#) Mouse

[SwissProt: Q8NE35](#) Human

[SwissProt: Q7TN99](#) Mouse

[Unigene: 131683](#) Human

[Unigene: 701732](#) Human

[Unigene: 371677](#) Mouse

[Unigene: 391176](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.