



Rabbit Anti-CPEB3 antibody

SL11340R

Product Name:	CPEB3
Chinese Name:	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.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) 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 CPEB3:251-350/698
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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.

SWISS:

Q8NE35

Gene ID:

22849

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.