

Rabbit Anti-CPEB3/Biotin Conjugated antibody

SL11340R-Bio

Product Name Anti-CPEB3/Biotin

Chinese Name 生物素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; KIAA0941

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,ICC/IF=1:50-200,IF=1:100-500,ELISA=

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.

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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

background:

Product Detail The regulated translation of messenger RNA is essential for cell-cycle progression, establishment of the cell cycle 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)

amino acid protein that contains two RNA recognition motif (RRM) domains and, like other CPB, may play a role in the maturation of the central nervous system. CPEB3 exists as multiple alternative spliced isoforms that are encoded by a gene which maps to human chromosome 10, which houses 10 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.