

OriGene Technologies, Inc.

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Product datasheet for TA344026

CPEB2 Rabbit Polyclonal Antibody

Product data:

| Product Type: | Primary Antibodies |
|-------------------------|--|
| Applications: | WB |
| Recommended Dilution: | WB |
| Reactivity: | Human |
| Host: | Rabbit |
| lsotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | The immunogen for anti-CPEB2 antibody: synthetic peptide directed towards the N terminal of human CPEB2. Synthetic peptide located within the following region: FLQQRNSYNHHQPLLKQSPWSNHQSSGWGTGSMSWGAMHGRDHRRTGNMG |
| Formulation: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers. |
| Purification: | Affinity Purified |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 65 kDa |
| Gene Name: | cytoplasmic polyadenylation element binding protein 2 |
| Database Link: | <u>NP_872291</u> <u>Entrez Gene 132864 Human</u> <u>Q7Z5Q1</u> |



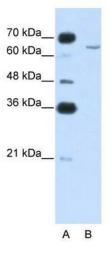
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CPEB2 Rabbit Polyclonal Antibody – TA344026

| Background: | CPEB2 is highly similar to cytoplasmic polyadenylation element binding protein (CPEB), an mRNA-binding protein that regulates cytoplasmic polyadenylation of mRNA as a trans factor in oogenesis and spermatogenesis. Studies of the similar gene in mice suggested a possible role of this protein in transcriptionally inactive haploid spermatids. The protein encoded by this gene is highly similar to cytoplasmic polyadenylation element binding protein (CPEB), an mRNA-binding protein that regulates cytoplasmic polyadenylation of mRNA as a trans factor in oogenesis and spermatogenesis. Studies of the similar gene in mice suggested a possible role of this protein in transcriptionally inactive haploid spermatids. Alternatively spliced transcript variants encoding distinct isoforms have been described. |
|-------------|--|
| Synonyms: | CPE-BP2; CPEB-2; hCPEB-2 |

Note: Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Guinea pig: 100%

Product images:



WB Suggested Anti-CPEB2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive Control: Jurkat cell lysate

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