

## Datasheet for ABIN629930 **anti-CPEB2 antibody (Middle Region)**



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### 1 Image

#### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µg   |
| Target:              | CPEB2  |
| Binding Specificity: | Middle Region  |
| Reactivity:          | Human, Mouse, Rat, Dog, Zebrafish (Danio rerio), Drosophila melanogaster |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This CPEB2 antibody is un-conjugated                                     |
| Application:         | Western Blotting (WB)  |

#### Product Details

|               |   |
|---------------|---|
| Immunogen:    | CPEB2 antibody was raised using the middle region of CPEB2 corresponding to a region with amino acids DTDPELKYPKGAGRVAFSNQSYIAAISARFVQLQHGDIDKRVEVKPYVL |
| Specificity:  | CPEB2 antibody was raised against the middle region of CPEB2  |
| Purification: | Purified  |

#### Target Details

|                   |   |
|-------------------|---|
| Target:           | CPEB2   |
| Alternative Name: | CPEB2 ( <a href="#">CPEB2 Products</a> )  |
| 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 |

## Target Details

of this protein in transcriptionally inactive haploid spermatids.

Molecular Weight: 37 kDa (MW of target protein)

## Application Details

Application Notes: WB: 1.25 µg/mL

Optimal conditions should be determined by the investigator.

Comment: CPEB2 Blocking Peptide, catalog no. 33R-2191, is also available for use as a blocking control in assays to test for specificity of this CPEB2 antibody

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of CPEB2 antibody in PBS

Concentration: Lot specific

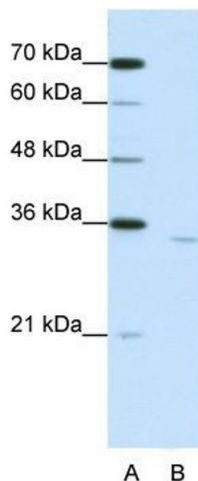
Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

## Images



### Western Blotting

**Image 1.** CPEB2 antibody used at 1.25 µg/ml to detect target protein.