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# anti-CPEB3 antibody (Middle Region)

2 Images



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## Overview

Quantity:	100 μL
Target:	CPEB3
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Pig, Rabbit, Cow, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CPEB3 antibody is un-conjugated
Application:	Western Blotting (WB)

## **Product Details**

Target Details

CPEB3

Target:

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human CPEB3
Sequence:	RTDNGNNLLP FQDRSRPYDT FNLHSLENSL MDMIRTDHEP LKGKHYPPSG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against CPEB3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## **Target Details**

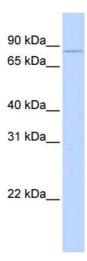
Alternative Name:	CPEB3 (CPEB3 Products)
Background:	The exact function of CPEB3 remains unknown.  Alias Symbols: -  Protein Size: 698
Molecular Weight:	76 kDa
Gene ID:	22849
NCBI Accession:	NM_014912, NP_055727
UniProt:	Q8NE35

# **Application Details**

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 698 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



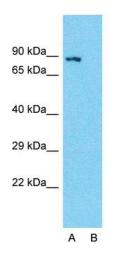
## **Western Blotting**

Image 1. WB Suggested Anti-CPEB3 Antibody Titration:

0.2-1 ug/ml

**ELISA Titer:** 1:312500

Positive Control: 721\_B cell lysate



### Anti-CPEB3 Western Blot & Peptide Block Validation

Lot Number: QC24642

Lysate: 721\_B cell

Lane A: Primary Antibody

Lane B: Primary Antibody + Blocking Peptide

Primary Antibody Concentration: 1.0µg/ml Peptide Concentration: 5.0µg/ml Lysate Quantity: 25µg/lane Gel Concentration: 12%

#### **Western Blotting**

Image 2. Host: Rabbit

Target Name: CPEB3

Sample Tissue: 721\_B Whole Cell

Lane A: Primary Antibody Lane B: Primary Antibody +

**Blocking Peptide** 

Primary Antibody Concentration: 1 μg/mL Peptide

Concentration: 2 µg/mL Lysate Quantity: 241 µg/laneGel

Concentration: 2.12 %