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Datasheet for ABIN5000453

anti-CPEB3 antibody (AA 251-350) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	CPEB3
Binding Specificity:	AA 251-350
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CPEB3 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CPEB3
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	CPEB3
Alternative Name:	CPEB3 (CPEB3 Products)
Background:	Synonyms: CPE-binding protein 3, CPE-BP3, CPEB 3, Cpeb3, CPEB3_HUMAN, Cytoplasmic

Target Details

polyadenylation element binding protein 3, Cytoplasmic polyadenylation element-binding protein 3, hCPEB-3, KIAA0940.

Background: 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.

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months