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Datasheet for ABIN185247 anti-CPEB1 antibody (C-Term)

Image



Overview

Quantity:	100 µg
Target:	CPEB1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CPEB1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	CPEB1
Immunogen:	Peptide with sequence C-PLMRNQKNRDSS, from the C Terminus of the protein sequence according to NP_085097.3, NP_001073001.1, NP_001073002.1, NP_001073003.1.
Sequence:	PLMRNQKNRD SS
lsotype:	lgG
Specificity:	This antibody is expected to recognise alle reported isoforms. Variants (NP_001073002.1, NP_001073003.1) encode the same isoform.
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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Product Details

Grade:

Verified

Target Details

Target:	CPEB1
Alternative Name:	CPEB1 (CPEB1 Products)
Background:	CPEB1, CPEB, FLJ13203, cytoplasmic polyadenylation element binding protein 1, CEBP, CPE-
	BP1, MGC34136, MGC60106, CPE-binding protein 1
Gene ID:	64506
NCBI Accession:	NP_085097, NP_001073001, NP_001073002, NP_001073003
Pathways:	Synaptic Membrane
Application Details	
Application Notes:	Western Blot: Approx 65-70 kDa band observed in Human Brain lysates (predicted MW of
	65 kDa according to NP_085097). Recommended for use at 0.5-2 μ g/mL. Please note this band
	was always accompanied by a slightly stonger band at approx 48 kDa and further bo
	Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum
	albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated
	at 4°C for a few weeks and still remain viable.

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ä	250kDa 150kDa
1	100kDa 75kDa
-	50kDa
100	37kDa
	25kDa

Western Blotting

Image 1. ABIN185247 staining (0.5µg/ml) of human brain lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

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