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# Datasheet for ABIN185601 anti-CKB antibody (Internal Region)

## 1 Image



#### Overview

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

### Product Details

Purpose:	CKB / Brain Creatine Kinase
Immunogen:	Peptide with sequence C-KPSDEHKTDLNPDN, from the internal region of the protein sequence according to NP_001814.2.
Sequence:	KPSDEHKTDL NPDN
lsotype:	lgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

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### Target Details

Target:	СКВ
Alternative Name:	CKB (CKB Products)
Background:	CKB, brain creatine kinase, creatine kinase, brain , B-CK, CKBB , creatine kinase B-chain, creatine kinase-B
Gene ID:	1152, 12709
NCBI Accession:	NP_001814

#### **Application Details**

Application Notes:	Western Blot: Approx 45-48 kDa band observed in human brain lysates (calculated MW of
	42.6 kDa according to NP_001814.2). Recommended concentration: 0.1-0.3 $\mu$ g/mL.
	Peptide ELISA: antibody detection limit dilution 1:2000.
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.

250kDa 150kDa	
100kDa 75kDa	Image 1. ABIN185601 (0.1 $\mu$ g/ml) staining of human brain
50kDa	lysate (35µg protein in RIPA buffer). Primary incubation
37kDa	was 1 hour. Detected by chemiluminescence.
25kDa	
20kDa	
15kDa	
10kDa	

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