

## Datasheet for ABIN2789613

# anti-CKB antibody (C-Term)

2 Images



#### Overview

Quantity:	100 μL
Target:	CKB
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Zebrafish (Danio rerio), Cow, Horse, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CKB antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Sequence:	PSNLGTGLRA GVHIKLPNLG KHEKFSEVLK RLRLQKRGTG GVDTAAVGGV
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against CKB. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	
Target:	СКВ
Alternative Name:	CKB (CKB Products)
Background:	The protein encoded by this gene is a cytoplasmic enzyme involved in energy homeostasis. The

encoded protein reversibly catalyzes the transfer of phosphate between ATP and various phosphogens such as creatine phosphate. It acts as a homodimer in brain as well as in other tissues, and as a heterodimer with a similar muscle isozyme in heart. The encoded protein is a member of the ATP:guanido phosphotransferase protein family. A pseudogene of this gene has been characterized.

Alias Symbols: B-CK, CKBB

Protein Interaction Partner: HUWE1, FUS, ASB9, TRIM63, ASB12, ASB16, FTO, UBFD1, CNDP2, NANS, SCLY, ISOC1, ERP44, RRAGB, NPEPPS, SLC9A3R1, YWHAG, TGM2, PFAS, PAK2, LDHB, HMGB2, G6PD, EEF2, DLD, DFFA, CSE1L, TBCB, RAD52, IQCB1, MLH1, TRAF3IP1, PLA2G4A,

UBC, AKT1, CUL1, CUL3, CDK2, ACD

Protein Size: 381

 Molecular Weight:
 43 kDa

 Gene ID:
 1152

 NCBI Accession:
 NM\_001823, NP\_001814

UniProt: P06732

#### **Application Details**

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 381 AA
Restrictions:	For Research Use only

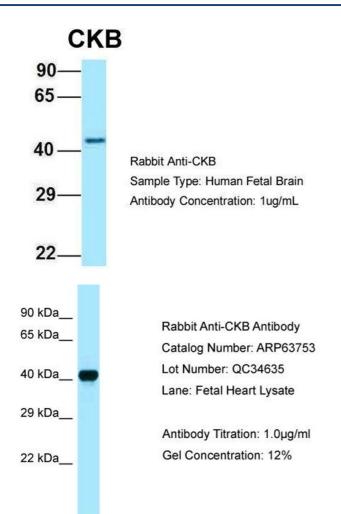
#### Handling

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.

#### **Images**



#### **Western Blotting**

Image 1. Host: Rabbit

Target Name: CKB

Sample Tissue: Human Fetal Brain

Antibody Dilution: 1.0 µg/mL

### Western Blotting

Image 2.