

Datasheet for ABIN2789612
anti-CKB antibody (N-Term)



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Overview

Quantity:	100 µL
Target:	CKB
Binding Specificity:	N-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:	DNPGHPYIMT VGCVAGDEES YEVEFKDLFDP IIEDRHGGYK PSDEHKTDLN
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 93%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against CKB. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CKB
Alternative Name:	CKB (CKB Products)
Background:	The protein encoded by this gene is a cytoplasmic enzyme involved in energy homeostasis. The

Target Details

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, CNBP2, 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: [P12277](#)

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

Handling

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

