

CKB Polyclonal Antibody

Catalog No.	A12631	Category	Polyclonal Antibodies
Applications	WB	Observed MW	43kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	42kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 182-381 of human CKB (NP_001814.2).
Gene ID	1152
Swiss prot	P12277
Synonyms	CKB; B-CK; BCK; CKBB; HEL-211; HEL-S-29; creatine kinase B

Product information

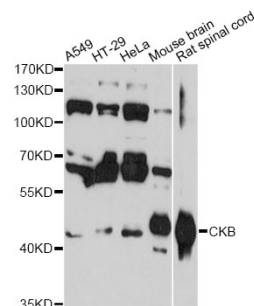
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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.

Recommended Dilutions

WB 1:1000 -
1:2000



Western blot - CKB Polyclonal Antibody (A12631)