

CKB Polyclonal Antibody

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

Immunogen Information

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|-------------------|-------------------------------------------------------------------------------------------------------------------|
| 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

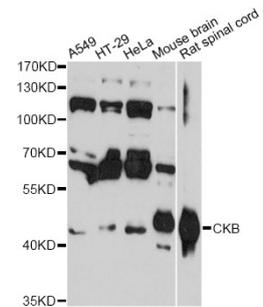
| | |
|----------------------------|----------------------------------------------------------------------------------------------------------|
| Source | Rabbit |
| Isotype | IgG |
| Purification method | Affinity purification |
| Storage | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 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)