

CKB Polyclonal Antibody

catalog number: **E-AB-65943**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

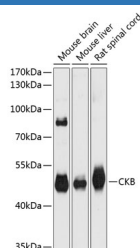
Description

Reactivity	Mouse;Rat
Immunogen	Recombinant fusion protein of human CKB (NP_001814.2).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications Recommended Dilution

WB	1:1000-1:3000
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Data



Western blot analysis of extracts of various cell lines using CKB Polyclonal Antibody at dilution of 1:3000.

Observed-MW:43 kDa

Calculated-MW:42 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

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.

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