

## CKB-Specific Recombinant antibody

**Cat:**B36274S

**Company:** HaoKebio

**Uniprot ID:**P12277

**Applications:** IHC:1:100-1:1000

**Organism:**Rabbit

IHC-Polymer:1:400-1:4000

**Species reactivity:**Human Mouse Rat

IHC-TSA:1:500-1:5000

**Molecular Weight Calculation:** 43 kDa

IF:1:50

**Observed Molecular Weight:** 40-45 kDa

WB:1:500-1:3000

FC:1:200-1:600

**Background:**

CKB, also named as B-CK and CKB, is a member of the ATP:guanido phosphotransferase protein family. It is a cytoplasmic enzyme involved in energy homeostasis. CKB 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. CK isoenzymes play a central role in energy transduction in tissues with large, fluctuating energy demands, such as skeletal muscle, heart, brain and spermatozoa. CK MB consists of a dimer of nonidentical chains. With MM being the major form in skeletal muscle and myocardium, MB existing in myocardium, and BB existing in many tissues, especially brain.

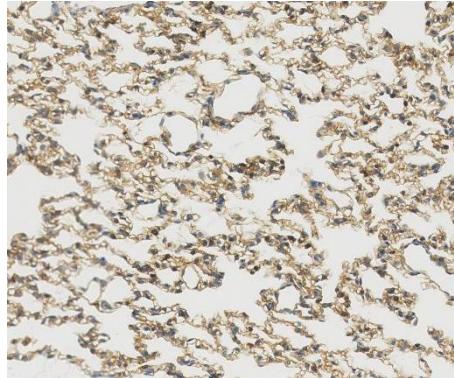
PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

**Storage:**

Store at -20 °C for one year.

**Experimental procedure:**

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

**Images:**


Sample: Mouse lung, 4% PFA 12-24h

**Source of Reagents:**

发表[中文论文]请标注:CKB-Specific(B36274S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:CKB-Specific(B36274S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

**Synonyms:**

CKB, KCRB, 240418D2, B CK, B-CK

**Immunogen:**

Recombinant protein

**Isotype:**

IgG

**Subcellular location:**

Cytoplasm

**Purity:**

Affinity purification

**Form:**

Liquid

**Storage Buffer:**