



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB07185 - Goat Anti-CKB / Brain Creatine Kinase Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CKB, brain creatine kinase, creatine kinase, brain, B-CK, CKBB, creatine kinase B-chain, creatine kinase-B

**Official Symbol:** CKB

**Accession Number(s):** NP\_001814.2

**Human GeneID(s):** [1152](#)

**Non-Human GeneID(s):** 12709 (mouse)

### Immunogen

Peptide with sequence C-KPSDEHKTDLNPDN, from the internal region of the protein sequence according to NP\_001814.2.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:2000.

**Western blot:** Approx 45-48kDa band observed in human brain lysates (calculated MW of 42.6kDa according to NP\_001814.2). Recommended concentration: 0.1-0.3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig, Cow



EB07185 (0.1 $\mu$ g/ml) staining of human brain lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.