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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 GenelD(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 μ g/ml) staining of human brain lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.