

Goat anti-CKB / Brain Creatine Kinase Antibody

Item Number dAP-0821

Target Molecule Principle Name: CKB / Brain Creatine Kinase; Official Symbol: CKB; All Names and Symbols: CKB; brain creatine kinase; creatine kinase, brain ; B-CK; CKBB ; creatine kinase B-chain; creatine kinase-B; Accession Number (s): NP_001814.2; Human Gene ID(s): 1152; Non-Human GenelD(s): 12709 (mouse)

Immunogen KPSDEHKTDLNPNDN, is from internal region

Applications Pep ELISA, WB

Species Tested: Human

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

Supplied As lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.

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

Western Blot 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.

IHC

Reference Reference(s): Balasubramani M, Day BW, Schoen RE, Getzenberg RH. Altered expression and localization of creatine kinase B, heterogeneous nuclear ribonucleoprotein F, and high mobility group box 1 protein in the nuclear matrix associated with colon cancer. *Cancer Res.* 2006 Jan 15;66(2):763-9. .PMID:

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**