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Research Use Only. Not for diagnostic or therapeutic use.

EB08921 - Goat Anti-CHKB Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CHKB, choline kinase beta, CHETK, CHKL, choline kinase-like,

choline/ethanolamine kinase Official Symbol: CHKB

Accession Number(s): NP_005189.2

Human GeneID(s): 1120

Important Comments: This antibody is expected to recognize isoform a (NP_005189.2)

only.

Immunogen

Peptide with sequence C-KGETLSQEEQRKLEED, from the internal region of the protein sequence according to NP_005189.2.

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: Preliminary experiments gave an approx 38kDa band in Human Skeletal Muscle lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 45.3kDa according to NP_005189.2. The 38kDa band was successfully blocked by incubation with the immunizing peptide.

Species Reactivity

Tested:

Expected from sequence similarity: Human, Dog