



## International Office

### Everest Biotech Ltd

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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