

## UK Office

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

## EB12710 - Goat Anti-CSNK2B Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CSNK2B, casein kinase 2, beta polypeptide, CK2B, CK2N, CSK2B, G5A, CK II beta, Casein kinase II beta subunit, alternative name: G5a, phosvitin, casein kinase II subunit beta, phosvitin, protein G5a

**Official Symbol:** CSNK2B

**Accession Number(s):** NP\_001311.3; NP\_001269314.1

**Human GeneID(s):** [1460](#)

**Non-Human GeneID(s):** 13001 (mouse), 81650 (rat)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_001311.3; NP\_001269314.1).

### Immunogen

Peptide with sequence C-TGLNEQVPHYRQ, from the internal region of the protein sequence according to NP\_001311.3; NP\_001269314.1.

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 1:128000.

**Western blot:** Approx 26kDa band observed in lysates of cell lines NIH3T3, HeLa, K562, MCF7 and HepG2 (calculated MW of 24.9kDa according to NP\_001311.3). Approx 25kDa band observed in Mouse Testis, 26kDa in Rat Testis and 28kDa in Pig Testis lysates (calculated MW of 24.9kDa according to Mouse NP\_001290374.1, Rat NP\_001030315.1 and pig NP\_001138849.1). This molecular weight is routinely observed by other sources. Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human, Mouse, Rat, Pig

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

EB12710 (1µg/ml) staining of NIH3T3 (A), HeLa (B), K562 (C), MCF7 (D) and HepG2 (E) lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

EB12710 (0.3µg/ml) staining of Mouse (A), Rat (B) and Pig (C) Testis lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.