

## UK Office

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

## EB08933 - Goat Anti-SEPT7 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SEPT7, septin 7, CDC10, CDC3, Nbla02942, SEPT7A, CDC10 (cell division cycle 10, S. cerevisiae, homolog), CDC10 cell division cycle 10 homolog, cell division cycle 10

**Official Symbol:** SEPTIN7

**Accession Number(s):** NP\_001779.3; NP\_001011553.2; NP\_001229885.1

**Human GeneID(s):** [989](#)

**Non-Human GeneID(s):** 235072 (mouse), 64551 (rat)

**Important Comments:** This antibody is expected to recognize all three reported isoforms (NP\_001779.3; NP\_001011553.2; NP\_001229885.1).

### Immunogen

Peptide with sequence C-DNNKNKGQLTKSP, from the internal region of the protein sequence according to NP\_001779.3; NP\_001011553.2; NP\_001229885.1.

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 1:32000.

**Western blot:** Approx 45kDa band observed in nuclear lysates of cell line HeLa (calculated MW of 50.7kDa according to NP\_001779.3 and of 55.6kDa according to NP\_001011553.2). This molecular weight is routinely observed by other sources.

Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human

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



EB08933 (0.5 $\mu$ g/ml) staining of nuclear HeLa lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.