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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 GenelD(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 μ g/ml) staining of nuclear HeLa lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.