EB12564 - Goat Anti-GNL3 Antibody

Size: 100µg specific antibody in 200µl

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Target Protein

Principal Names: GNL3, guanine nucleotide binding protein-like 3 (nucleolar), C77032, E2IG3, NNP47, NS, E2-induced gene 3 protein, estradiol-induced nucleotide binding protein, guanine nucleotide-binding protein-like 3, novel nucleolar protein 47, nucleolar GTP-binding protein 3, nucleostemin
Official Symbol: GNL3
Accession Number(s): NP_055181.3; NP_996561.1
Human GeneID(s): 26354
Important Comments: This antibody is expected to recognize both reported isoforms (NP_055181.3; NP_996561.1). Reported variants represent identical protein: NP_996561.1, NP_996562.1.

Immunogen

Peptide with sequence C-EKNNAQSIRAIKGPH, from the internal region of the protein sequence according to NP_055181.3; NP_996561.1.

Please note the peptide is available for sale.

Purification and Storage

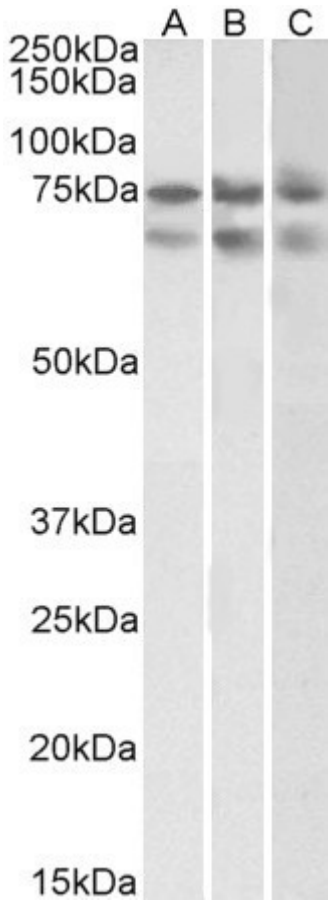
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.
Western blot: Approx 65+75kDa bands observed in nuclear lysates of cell lines HeLa, HepG2 and K562 (calculated MW of 62.0kDa according to NP_055181.3). The observed 75kDa band likely represents the acetylated form. Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human
Expected from sequence similarity: Human



EB12564 (2µg/ml) staining of HeLa (A)HepG2 (B) and K562 (C) nuclear lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.