



## International Office

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

## EB12564 - Goat Anti-GNL3 Antibody

Size: 100µg specific antibody in 200µl



### 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

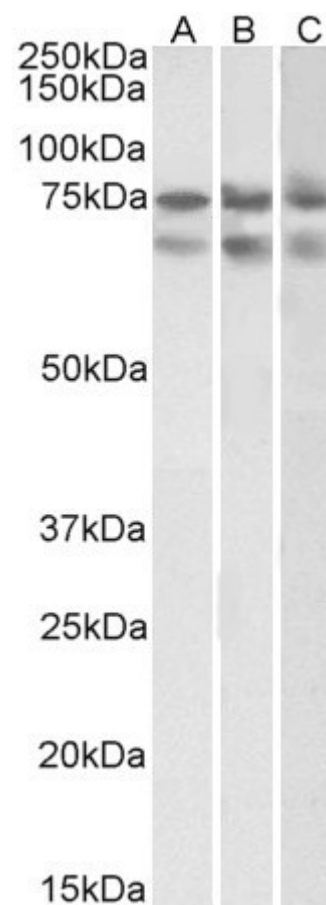
**Peptide ELISA:** antibody detection limit dilution 1:128000.

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