

**Goat Anti-GNL3 Antibody (internal region)**  
**Purified Goat Polyclonal Antibody**  
**Catalog # AF4185a**

**Specification**

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**Goat Anti-GNL3 Antibody (internal region) - Product Information**

Application	WB
Primary Accession	<a href="#">O9BVP2</a>
Other Accession	<a href="#">NP_055181.3</a> , <a href="#">NP_996561.1</a>
Reactivity	Human
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5
Calculated MW	61993

**Goat Anti-GNL3 Antibody (internal region) - Additional Information**

**Gene ID** 26354

**Other 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

**Format**

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.

**Immunogen**

Peptide with sequence C-TENKAKSGKQNS, from the internal region of the protein sequence according to [NP\\_055181.3](#); [NP\\_996561.1](#).

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Goat Anti-GNL3 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

**Goat Anti-GNL3 Antibody (internal region) - Protein Information**

**Name** GNL3

**Synonyms** E2IG3, NS

### Function

May be required to maintain the proliferative capacity of stem cells. Stabilizes MDM2 by preventing its ubiquitination, and hence proteasomal degradation (By similarity).

### Cellular Location

Nucleus {ECO:0000250|UniProtKB:Q811S9}. Nucleus, nucleolus. Note=Shuttles between the nucleus and nucleolus. {ECO:0000250|UniProtKB:Q811S9}

### Tissue Location

Increased levels in lung tissue in cancer patients.

## Goat Anti-GNL3 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Goat Anti-GNL3 Antibody (internal region) - Images



AF4185a (0.03 µg/ml) staining of K562 nuclear lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

## Goat Anti-GNL3 Antibody (internal region) - References

Nucleostemin affects the proliferation but not differentiation of oral squamous cell carcinoma cells. Yoshida R, Fujimoto T, Kudoh S, Nagata M, Nakayama H, Shinohara M, Ito T. Cancer science 2011 Jul 102 (7): 1418-23.