

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

Specification

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

Application	WB
Primary Accession	O9BVP2
Other Accession	NP_055181.3 , NP_996561.1
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.