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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	Q9BVP2
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 Cytomety
- 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.