

Goat Anti-GNL3 Antibody
Goat Anti-GNL3 Antibody (AF4145a)
Catalog # AF4145a

Specification

Goat Anti-GNL3 Antibody - Product Information

Application	WB
Primary Accession	O9BVP2
Other Accession	NP_055181.3 , NP_996561.1 , 26354
Reactivity	Human
Predicted	Human
Concentration	100ug/200ul
Calculated MW	61993

Goat Anti-GNL3 Antibody - Additional Information

Gene ID 26354

Other Names

Guanine nucleotide-binding protein-like 3, E2-induced gene 3 protein, Novel nucleolar protein 47, NNP47, Nucleolar GTP-binding protein 3, Nucleostemin, GNL3, E2IG3, NS

Immunogen

Peptide with sequence C-EKNNAQSIRAIKGP, 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 is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-GNL3 Antibody - 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 - 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 - Images



AF4145a (2 µg/ml) staining of HeLa (A) HepG2 (B) and K562 (C) nuclear lysates (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-GNL3 Antibody - Background

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

Goat Anti-GNL3 Antibody - References

Charpentier A.H., et al. *Cancer Res.* 60:5977-5983(2000).
Han C., et al. *Int. J. Mol. Med.* 16:205-213(2005).
Ota T., et al. *Nat. Genet.* 36:40-45(2004).
Muzny D.M., et al. *Nature* 440:1194-1198(2006).
Andersen J.S., et al. *Curr. Biol.* 12:1-11(2002).