

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

Goat Anti-GNL3 Antibody - Product Information

Application	WB
Primary Accession	Q9BVP2
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-EKNNAQSIRAIKGPH, 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

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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).