

GNL3L Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP11045a**Specification**

GNL3L Antibody (N-term) Blocking peptide - Product Information

Primary Accession [Q9NVN8](#)

GNL3L Antibody (N-term) Blocking peptide - Additional Information

Gene ID 54552

Other Names

Guanine nucleotide-binding protein-like 3-like protein, GNL3L

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GNL3L Antibody (N-term) Blocking peptide - Protein Information

Name GNL3L

Function

Stabilizes TERF1 telomeric association by preventing TERF1 recruitment by PML. Stabilizes TERF1 protein by preventing its ubiquitination and hence proteasomal degradation. Does so by interfering with TERF1-binding to FBXO4 E3 ubiquitin-protein ligase. Required for cell proliferation. By stabilizing TRF1 protein during mitosis, promotes metaphase-to-anaphase transition. Stabilizes MDM2 protein by preventing its ubiquitination, and hence proteasomal degradation. By acting on MDM2, may affect TP53 activity. Required for normal processing of ribosomal pre-rRNA. Binds GTP.

Cellular Location

Nucleus, nucleolus.

GNL3L Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

GNL3L Antibody (N-term) Blocking peptide - Images

GNL3L Antibody (N-term) Blocking peptide - Background

The protein encoded by this gene appears to be a nucleolarGTPase that is essential for ribosomal pre-rRNA processing and cellproliferation. Two transcript variants encoding the same proteinhave been found for this gene.

GNL3L Antibody (N-term) Blocking peptide - References

Rao, M.R., et al. J. Mol. Biol. 364(4):637-654(2006)Du, X., et al. Mol. Biol. Cell 17(1):460-474(2006)