

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

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