

NOP2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP8773a**Specification**

NOP2 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession
Other Accession[P46087](#)
[NP_006161](#)**NOP2 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 4839**Other Names**

Probable 28S rRNA (cytosine(4447)-C(5))-methyltransferase, 211-, Nucleolar protein 1, Nucleolar protein 2 homolog, Proliferating-cell nucleolar antigen p120, Proliferation-associated nucleolar protein p120, NOP2, NOL1, NSUN1

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP8773a](/products/AP8773a) was selected from the N-term region of human NOP2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

NOP2 Antibody (N-term) Blocking Peptide - Protein Information**Name** NOP2**Synonyms** NOL1, NSUN1**Function**

Involved in ribosomal large subunit assembly (PubMed:<http://www.uniprot.org/citations/24120868>). S-adenosyl-L-methionine-dependent methyltransferase that specifically methylates the C(5) position of cytosine 4447 in 28S rRNA (Probable). May play a role in the regulation of the cell cycle and the increased nucleolar activity that is associated with the cell proliferation (Probable).

Cellular Location

Nucleus, nucleolus.

NOP2 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

NOP2 Antibody (N-term) Blocking Peptide - Images

NOP2 Antibody (N-term) Blocking Peptide - Background

NOP2 may play a role in the regulation of the cell cycle and the increased nucleolar activity that is associated with the cell proliferation. May act as ribosomal RNA methyltransferase.

NOP2 Antibody (N-term) Blocking Peptide - References

Mayya V., et.al., Sci. Signal. 2:RA46-RA46(2009).