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NOP2 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP8773a

Specification

NOP2 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession	P46087
Other Accession	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 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: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).