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NOP5/NOP58 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP9202b

Specification

NOP5/NOP58 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q9Y2X3

NOP5/NOP58 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 51602

Other Names
Nucleolar protein 58, Nucleolar protein 5, NOP58, NOL5, NOP5

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP9202b was selected from the C-term region of human NOP5/NOP58. 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.

NOP5/NOP58 Antibody (C-term) Blocking Peptide - Protein Information

Name NOP58 (HGNC:29926)

Synonyms NOL5, NOP5

NOP5/NOP58 Antibody (C-term) Blocking Peptide - Background

Nop5p (a.k.a. Nop58p), is localized in the nucleolus and required for pre-18S rRNA processing in S. cerevisiae (baker's yeast).

NOP5/NOP58 Antibody (C-term) Blocking Peptide - References

McKeegan,K.S., et.al., Mol. Cell. Biol. 29 (18), 4971-4981 (2009)McKeegan,K.S., et.al, Mol. Cell. Biol. 27 (19), 6782-6793 (2007)

Function
Required for 60S ribosomal subunit biogenesis (By similarity). Core component of box C/D small nucleolar ribonucleoprotein (snoRNP) particles. Required for the biogenesis of box C/D snoRNAs such as U3, U8 and U14 snoRNAs.

Cellular Location
Nucleus, nucleolus. Nucleus, nucleoplasm. Note=Localizes to the nucleolus with a minor part present in the nucleoplasm

Tissue Location
Ubiquitous.

NOP5/NOP58 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides