

NOL9 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP9913b**Specification**

NOL9 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q5SY16](#)**NOL9 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 79707**Other Names**

Polynucleotide 5'-hydroxyl-kinase NOL9, 271-, Nucleolar protein 9, NOL9

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.

NOL9 Antibody (C-term) Blocking Peptide - Protein Information**Name** NOL9**Function**

Polynucleotide kinase that can phosphorylate the 5'-hydroxyl groups of single-stranded and double-stranded RNA and DNA substrates (PubMed:21063389). Involved in rRNA processing and its kinase activity is required for the processing of the 32S precursor into 5.8S and 28S rRNAs, more specifically for the generation of the major 5.8S(S) form (PubMed:21063389). Required for the efficient pre-rRNA processing of internal transcribed spacer 2 (ITS2) (PubMed:21063389). Associates with LAS1L to form an ITS2 pre-rRNA endonuclease-kinase complex and is responsible for the transport of this complex into the nucleolus (PubMed:31288032).

Cellular Location

Nucleus {ECO:0000250|UniProtKB:Q3TZX8}. Nucleus, nucleolus. Note=Colocalizes with pre-60S rRNP particles

NOL9 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

NOL9 Antibody (C-term) Blocking Peptide - Images**NOL9 Antibody (C-term) Blocking Peptide - References**

Scherl, A., et al. Mol. Biol. Cell 13(11):4100-4109(2002)Wistow, G., et al. Mol. Vis. 8, 205-220 (2002) Andersen, J.S., et al. Curr. Biol. 12(1):1-11(2002)