

**NOL7 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP5924b****Specification**

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**NOL7 Antibody (C-term) Blocking peptide - Product Information**

Primary Accession [O9UMY1](#)  
Other Accession [NP\\_057251.2](#)

**NOL7 Antibody (C-term) Blocking peptide - Additional Information**

**Gene ID** 51406

**Other Names**

Nucleolar protein 7, Nucleolar protein of 27 kDa, NOL7, C6orf90, NOP27

**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.

**NOL7 Antibody (C-term) Blocking peptide - Protein Information**

**Name** NOL7 ([HGNC:21040](#))

**Synonyms** C6orf90, NOP27

**Function**

Functions as part of the small subunit (SSU) processome, first precursor of the small eukaryotic ribosomal subunit that coordinates the first two steps of ribosome biogenesis in transcription of the primary transcript pre-rRNA and pre-18S processing (PubMed:<a href="http://www.uniprot.org/citations/37246770" target="\_blank">37246770</a>, PubMed:<a href="http://www.uniprot.org/citations/34516797" target="\_blank">34516797</a>). During the assembly of the SSU processome in the nucleolus, many ribosome biogenesis factors, an RNA chaperone and ribosomal proteins associate with the nascent pre-rRNA and work in concert to generate RNA folding, modifications, rearrangements and cleavage as well as targeted degradation of pre-ribosomal RNA by the RNA exosome (PubMed:<a href="http://www.uniprot.org/citations/34516797" target="\_blank">34516797</a>). This subunit is required for processing of the 5'-external transcribed spacer sequence (5'ETS) of the primary transcript pre-rRNA to yield the 18S rRNA (PubMed:<a href="http://www.uniprot.org/citations/37246770" target="\_blank">37246770</a>). Also plays a role in maintaining early pre-rRNA levels, either by assisting in its transcription or stability (PubMed:<a href="http://www.uniprot.org/citations/37246770" target="\_blank">37246770</a>).

**Cellular Location**

Nucleus, nucleolus

**Tissue Location**

Expressed in numerous tissues. Particularly prevalent in the adrenal gland, thyroid gland, heart and skeletal muscle.

**NOL7 Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**NOL7 Antibody (C-term) Blocking peptide - Images**