

NOL9 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9913b

Specification

NOL9 Antibody (C-term) - Product Information

| | |
|-------------------|------------------------|
| Application | FC, WB,E |
| Primary Accession | Q5SY16 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | Rabbit IgG |
| Antigen Region | 668-696 |

NOL9 Antibody (C-term) - Additional Information

Gene ID 79707

Other Names

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

Target/Specificity

This NOL9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 668-696 amino acids from the C-terminal region of human NOL9.

Dilution

FC~~1:10~50

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

NOL9 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

NOL9 Antibody (C-term) - 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

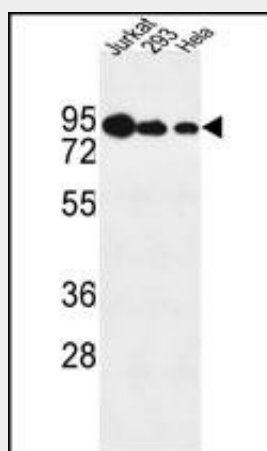
Nucleus {ECO:0000250|UniProtKB:Q3TZX8}. Nucleus, nucleolus. Note=Colocalizes with pre-60S rRNP particles

NOL9 Antibody (C-term) - Protocols

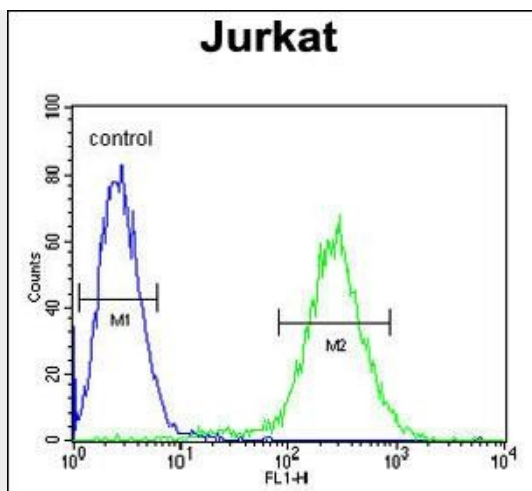
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NOL9 Antibody (C-term) - Images



NOL9 Antibody (C-term) (Cat. #AP9913b) western blot analysis in Jurkat,293,HeLa cell line lysates (35ug/lane).This demonstrates the NOL9 antibody detected the NOL9 protein (arrow).



NOL9 Antibody (C-term) (Cat. #AP9913b) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

NOL9 Antibody (C-term) - 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)

NOL9 Antibody (C-term) - Citations

- [LAS1L interacts with the mammalian Rix1 complex to regulate ribosome biogenesis.](#)