

NOP2 Antibody (N-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22191a**Specification**

NOP2 Antibody (N-Term) - Product Information

| | |
|-------------------|------------------------|
| Application | WB,E |
| Primary Accession | P46087 |
| Other Accession | Q922K7 |
| Reactivity | Human |
| Predicted | Mouse |
| Host | Rabbit |
| Clonality | polyclonal |
| Isotype | Rabbit IgG |
| Calculated MW | 89302 |

NOP2 Antibody (N-Term) - Additional Information**Gene ID** 4839**Other Names**

Probable 28S rRNA (cytosine(4447)-C(5))-methyltransferase, 2.1.1.-, Nucleolar protein 1, Nucleolar protein 2 homolog, Proliferating-cell nucleolar antigen p120, Proliferation-associated nucleolar protein p120, NOP2, NOL1, NSUN1

Target/Specificity

This NOP2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 9-43 amino acids from human NOP2.

Dilution

WB~~1:2000

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

NOP2 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

NOP2 Antibody (N-Term) - 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).

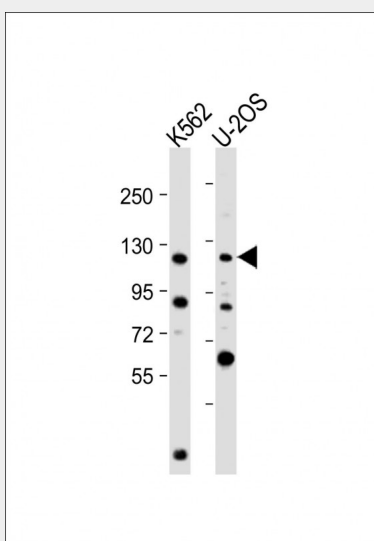
Cellular Location

Nucleus, nucleolus.

NOP2 Antibody (N-Term) - 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](#)

NOP2 Antibody (N-Term) - Images

All lanes : Anti-NOP2 Antibody (N-Term) at 1:2000 dilution Lane 1: K562 whole cell lysate Lane 2: U-2OS whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 89 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

NOP2 Antibody (N-Term) - Background

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.

NOP2 Antibody (N-Term) - References

Fonagy A.,et al.Cancer Commun. 1:243-251(1989).
Larson R.G.,et al.Cancer Commun. 2:63-71(1990).
Valdez B.C.,et al.Cancer Res. 52:5681-5686(1992).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Scherer S.E.,et al.Nature 440:346-351(2006).