

## ARG44107 anti-NOP2 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal recognizes NOP2
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NOP2
Species	Human
Immunogen	Human NOP2 recombinant protein (Position: L210-Q747).
Conjugation	Un-conjugated
Alternate Names	NOP2; NOP2 Nucleolar Protein; NSUN1; NOP120; P120; NOL1; Probable 28S RRNA (Cytosine(4447)-C(5))-Methyltransferase; Proliferation-Associated Nucleolar Protein P120; Proliferating-Cell Nucleolar Antigen P120; Nucleolar Protein 1, 120kDa; Nucleolar Protein 2 Homolog; Putative Ribosomal RNA Methyltransferase NOP2; NOP2 Nucleolar Protein Homolog (Yeast); NOL1/NOP2/Sun Domain Family, Member 1; Nucleolar Protein 2 Homolog (Yeast); NOP2/Sun Domain Family, Member 1; NOP2 Nucleolar Protein Homolog; Nucleolar Protein 1 (120kD); Nucleolar Protein 1; EC 2.1.1.1.; EC 2.1.1

### Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 <sup>6</sup> cells
	ICC/IF	5 µg/ml
	WB	0.1 - 0.25 µg/ml
Application Note	The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

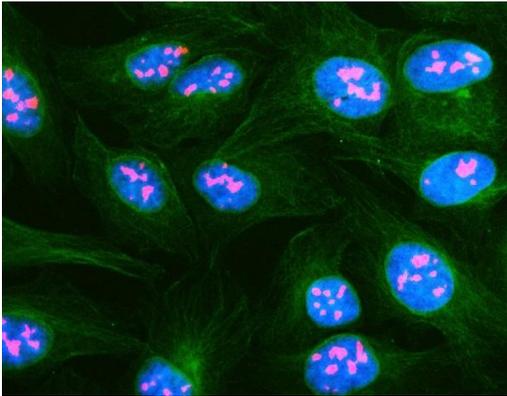
**Note** For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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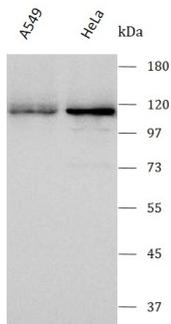
Gene Symbol	NOP2
Gene Full Name	NOP2 Nucleolar Protein
Background	Enables RNA binding activity. Involved in positive regulation of cell population proliferation; regulation of signal transduction by p53 class mediator; and ribosomal large subunit assembly. Located in nucleolus.
Function	Involved in ribosomal large subunit assembly.
Calculated Mw	89 kDa
PTM	Acetylation, Citrullination, Isopeptide bond, Phosphoprotein, Ubl conjugation
Cellular Localization	Nucleus

## Images



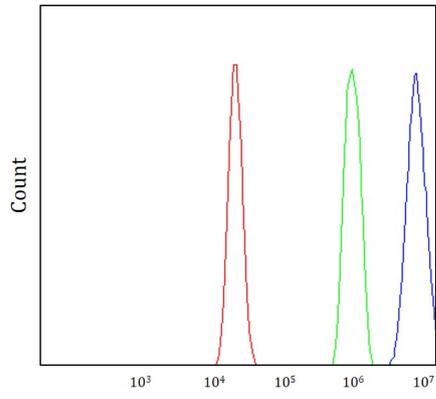
ARG44107 anti-NOP2 antibody ICC/IF image

Immunofluorescence: U2OS stained with ARG44107 anti-NOP2 antibody at 5 µg/ml dilution.



ARG44107 anti-NOP2 antibody WB image

Western blot: A549 and HeLa stained with ARG44107 anti-NOP2 antibody at 0.5 µg/mL dilution.



ARG44107 anti-NOP2 antibody FACS image

Flow Cytometry: RT4 stained with ARG44107 anti-NOP2 antibody at  $1 \mu\text{g}/10^6$  cells dilution.