

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 ⁶ 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 ₂ HPO ₄ , 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

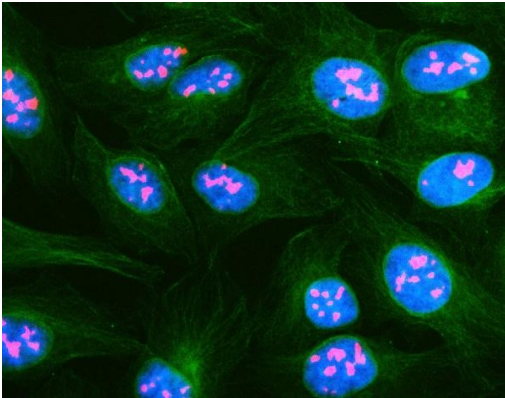
and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

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

Bioinformation

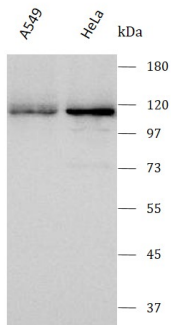
Gene Symbol	NOP2
Gene Full Name	NOP2 Nucleolar Protein
Background	Enables RNA binding activity. Involved in positive regulation of cell population proliferation; regulation of signal transduction by p53 class mediator; and ribosomal large subunit assembly. Located in nucleolus.
Function	Involved in ribosomal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

Images



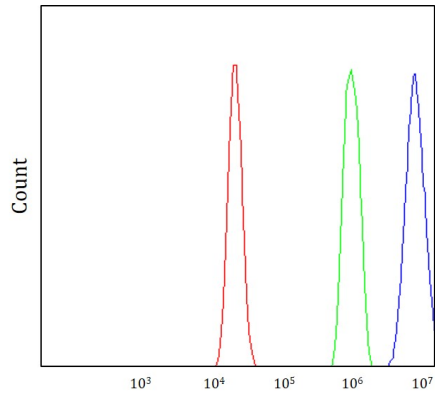
ARG44107 anti-NOP2 antibody ICC/IF image

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.