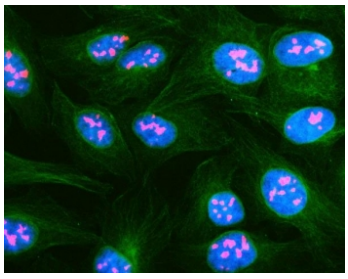
Nucleolar protein 2 Antibody / NOP2 / NSUN1 (RQ8312)

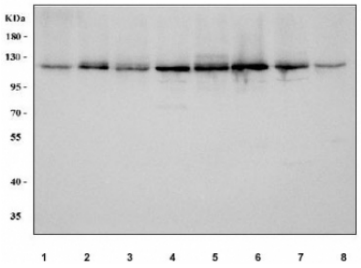
Catalog No.	Formulation	Size
RQ8312	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

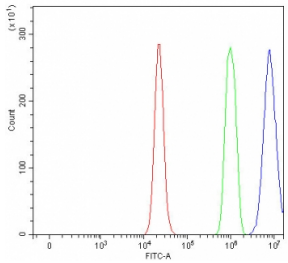
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P46087
Localization	Nucleolus
Applications	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This Nucleolar protein 2 antibody is available for research use only.



Immunofluorescent staining of FFPE human U-2 OS cells with Nucleolar protein 2 antibody (red), Beta Tubulin mAb (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) HEL, 2) Caco-2, 3) A549, 4) HeLa, 5) RT4, 6) 293T, 7) SiHa and 8) U-251 cell lysate with Nucleolar protein 2 antibody. Predicted molecular weight: 89 kDa but routinely observed at 100~120 kDa.



Flow cytometry testing of fixed and permeabilized human RT4 cells with Nucleolar protein 2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Nucleolar protein 2 antibody.

Description

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.

Application Notes

Optimal dilution of the Nucleolar protein 2 antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (L210-Q747) was used as the immunogen for the Nucleolar protein 2 antibody.

Storage

After reconstitution, the Nucleolar protein 2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com