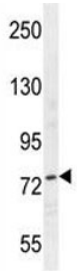
# Nucleolin Rabbit Polyclonal Antibody (F41619)

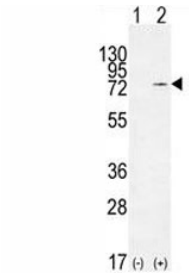
| Catalog No. | Formulation | Size |
|---|---|---|
| F41619-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F41619-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

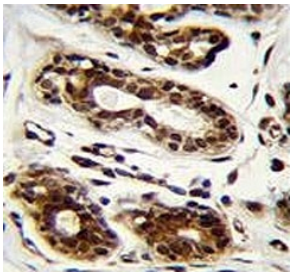
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Predicted Reactivity** | Primate |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit Ig |
| **Purity** | Antigen affinity |
| **UniProt** | P19338 |
| **Applications** | Western blot: 1:1000<br>IHC (Paraffin): 1:50-1:100<br>Immunofluorescence: 1:10-1:50 |
| **Limitations** | This Nucleolin Rabbit Polyclonal Antibody is available for research use only. |



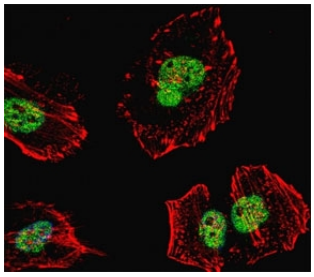

Nucleolin Rabbit Polyclonal Antibody western blot analysis in HepG2 lysate. Predicted molecular weight is 77 kDa, observed size is 100~110 kDa.




Western blot analysis of Nucleolin antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (2) with the NCL gene.



Nucleolin antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human breast tissue.



Fluorescent confocal image of HeLa cell stained with Nucleolin antibody at 1:25. NCL immunoreactivity is localized to the nucleus.

## Description

Nucleolin (NCL), a eukaryotic nucleolar phosphoprotein, is involved in the synthesis and maturation of ribosomes. It is located mainly in dense fibrillar regions of the nucleolus. Human NCL gene consists of 14 exons with 13 introns and spans approximately 11kb. The intron 11 of the NCL gene encodes a small nucleolar RNA, termed U20. [Wiki]

For an alternative monoclonal antibody targeting this nucleolar protein, see our Nucleolin Antibody NCL/902, validated for western blot, immunohistochemistry, immunofluorescence, and flow cytometry.

## Application Notes

The stated application concentrations are suggested starting amounts. Due to differences in protocols and secondary/substrate sensitivity, it may be necessary to titrate the Nucleolin Rabbit Polyclonal Antibody for optimal performance.

## Immunogen

The amino acid sequence used as immunogen for this Nucleolin antibody is found between 425-455 of the human protein.

## Storage

The Nucleolin antibody should be aliquoted and and stored frozen at -20oC. Avoid repeat freeze-thaws.

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