

A4749

Leader in Biomolecular Solutions for Life Science



# NOP58 Rabbit pAb

Catalog No.: A4749

## Basic Information

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### Observed MW

65kDa

### Calculated MW

60kDa

### Category

Polyclonal Antibody

### Applications

WB,IF/ICC,ELISA

### Cross-Reactivity

Human,Mouse,Rat

## Background

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The protein encoded by this gene is a core component of box C/D small nucleolar ribonucleoproteins. Some box C/D small nucleolar RNAs (snoRNAs), such as U3, U8, and U14, are dependent upon the encoded protein for their synthesis. This protein is SUMOylated, which is necessary for high affinity binding to snoRNAs.

## Recommended Dilutions

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**WB** 1:500 - 1:1000

**IF/ICC** 1:50 - 1:200

## Immunogen Information

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### Gene ID

51602

### Swiss Prot

Q9Y2X3

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 360-529 of human NOP58 (NP\_057018.1).

### Synonyms

NOP5; HSPC120; NOP5/NOP58; NOP58

## Contact

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[www.abclonal.com](http://www.abclonal.com)

## Product Information

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### Source

Rabbit

### Isotype

IgG

### Purification

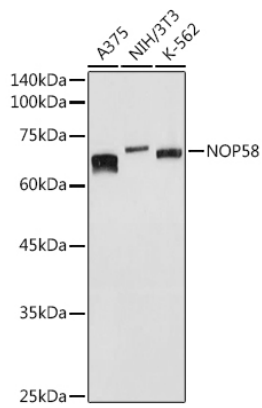
Affinity purification

### Storage

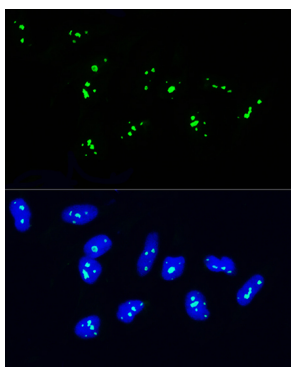
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

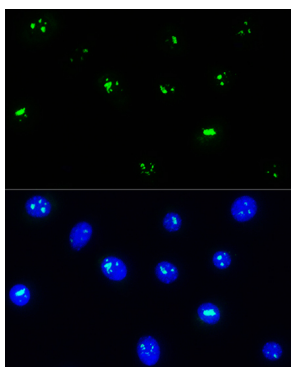
## Validation Data



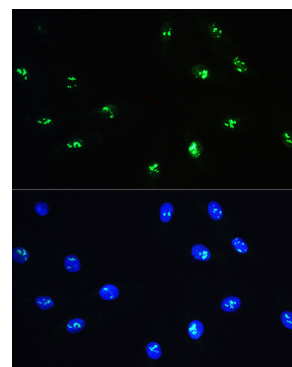
Western blot analysis of extracts of various cell lines, using NOP58 antibody (A4749) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 10s.



Immunofluorescence analysis of U2OS cells using NOP58 Rabbit pAb (A4749) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using NOP58 Rabbit pAb (A4749) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of H9C2 cells using NOP58 Rabbit pAb (A4749) at dilution of 1:100. Blue: DAPI for nuclear staining.