

# NOP58 Rabbit pAb

Catalog No.: A14129

## Basic Information

### Observed MW

68kDa

### Calculated MW

60kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

## Background

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

<b>WB</b>	1:500 - 1:2000
<b>IF/ICC</b>	1:50 - 1:200

## Immunogen Information

### 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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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

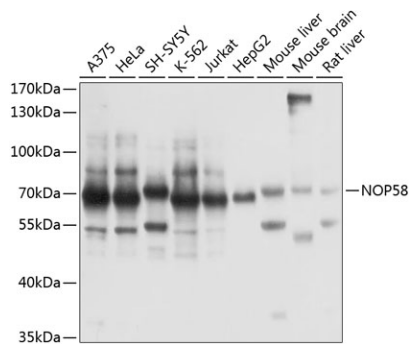
### Storage

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

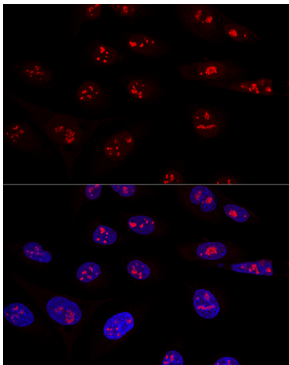
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using NOP58 antibody (A14129) 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: 5s.



Confocal immunofluorescence analysis of U2OS cells using NOP58 Polyclonal Antibody (A14129) at dilution of 1:100. Blue: DAPI for nuclear staining.