

For Research Use Only

# NOP16 Polyclonal antibody

Catalog Number: 31969-1-AP



## Basic Information

Catalog Number:

31969-1-AP

Size:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36714

GenBank Accession Number:

BC040106

GeneID (NCBI):

51491

UNIPROT ID:

Q9Y3C1

Full Name:

NOP16 nucleolar protein homolog (yeast)

Observed MW:

23 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:200-1:800

## Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : A431 cells, Hela cells, K-562 cells, MCF-7 cells, Raji cells

IF/ICC : A431 cells, MCF-7 cells

## Background Information

NOP16, also known as HSPC111, is found in the intracellular protein complex. It is a ribosomal protein that is transcriptionally regulated by the oncogene c-Myc. NOP16 may be involved in the completion of ribosome synthesis, therefore, reduced NOP16 expression in cancer cells may block many biological processes. Studies indicate that NOP16 is highly expressed in more than 20 types of cancers, including colorectal, breast, and hepatocellular carcinoma, and is an important target for clinical treatment of related diseases.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

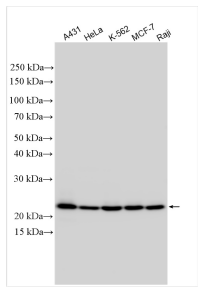
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

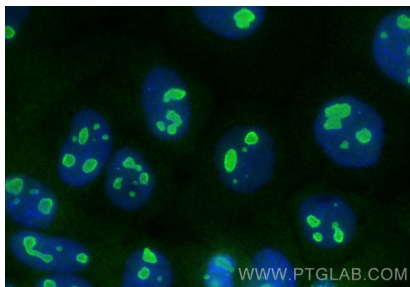
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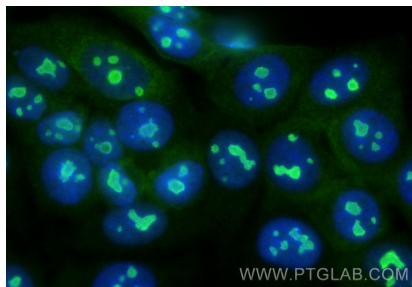
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31969-1-AP (NOP16 antibody) at dilution of 1:40000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using NOP16 antibody (31969-1-AP) at dilution of 1:400 and Multi-rAb CoraLite ® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using NOP16 antibody (31969-1-AP) at dilution of 1:400 and Multi-rAb CoraLite ® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).