

For Research Use Only

NOP16 Polyclonal antibody

Catalog Number: 31969-1-AP



Basic Information

Catalog Number: 31969-1-AP	GenBank Accession Number: BC040106	Purification Method: Antigen affinity Purification
Size: 500 ug/ml	GeneID (NCBI): 51491	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:200-1:800
Source: Rabbit	UNIPROT ID: Q9Y3C1	
Isotype: IgG	Full Name: NOP16 nucleolar protein homolog (yeast)	
Immunogen Catalog Number: AG36714	Observed MW: 23 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	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:

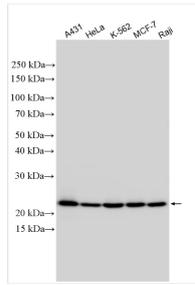
T: 4006900926

E: Proteintech-CN@ptglab.com

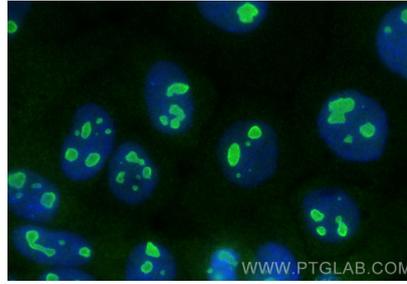
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

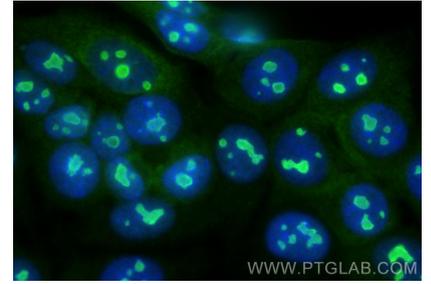
Selected Validation Data



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).