

For Research Use Only

NOL8 Polyclonal antibody

Catalog Number: 12043-1-AP



Basic Information

Catalog Number: 12043-1-AP	GenBank Accession Number: BC013788	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 55035	Recommended Dilutions: WB 1:2000-1:12000 IP 0.5-4.0 ug for IP and 1:1000-1:8000 for WB
Source: Rabbit	Full Name: nucleolar protein 8	IF 1:10-1:100
Isotype: IgG	Calculated MW: 132 kDa	
Immunogen Catalog Number: AG2672	Observed MW: 150 kDa	

Applications

Tested Applications: IF, IP, WB, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : COLO 320 cells, Jurkat cells IP : COLO 320 cells, IF : HepG2 cells,

Background Information

NOL8 (Nucleolar Protein 8) plays an essential role in the survival of diffuse-type gastric cancer cells, and knocking down NOL8 promoted cell apoptosis. The structure analysis suggested that NOL8 contains a RNA binding motif, which was consistent with the study that NOL8 interacted with DEAD-box RNA helicase

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

*** 20ul sizes contain 0.1% BSA

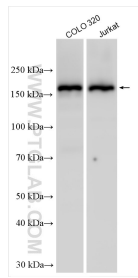
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

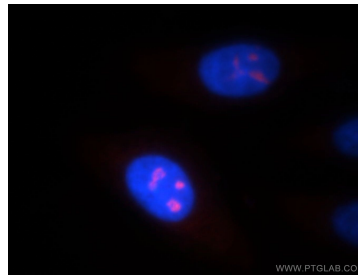
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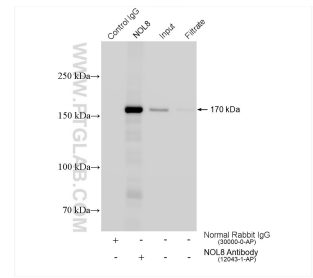
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12043-1-AP (NOL8 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells, using NOL8 antibody 12043-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



IP result of anti-NOL8(IP:12043-1-AP, 4ug; Detection:12043-1-AP 1:4000) with COLO 320 cells lysate 2560 ug.