

For Research Use Only

# NOL8 Polyclonal antibody

Catalog Number: 12043-1-AP



## Basic Information

### Catalog Number:

12043-1-AP

### Size:

150ul , Concentration: 350 ug/ml by Nanodrop and 233 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2672

### GenBank Accession Number:

BC013788

### GeneID (NCBI):

55035

### UNIPROT ID:

Q76FK4

### Full Name:

nucleolar protein 8

### Calculated MW:

132 kDa

### Observed MW:

150 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:2000-1:12000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

## Applications

### Tested Applications:

WB, IP, ELISA

### Species Specificity:

human, mouse, rat

### Positive Controls:

WB : COLO 320 cells, Jurkat cells

IP : COLO 320 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

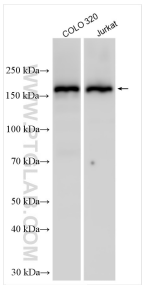
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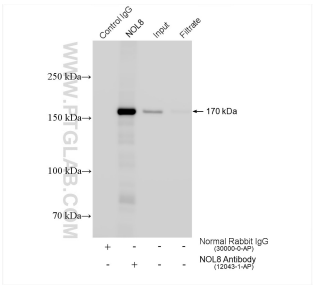
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Selected Validation Data



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.



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