

For Research Use Only

NOP58 Recombinant antibody

Catalog Number: 82879-1-RR



Basic Information

Catalog Number: 82879-1-RR	GenBank Accession Number: BC032592	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 51602	CloneNo.: 230058C7
Source: Rabbit	Full Name: NOP58 ribonucleoprotein homolog (yeast)	Recommended Dilutions: WB 1:2000-1:10000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IF 1:500-1:2000
Isotype: IgG	Calculated MW: 60 kDa	
Immunogen Catalog Number: AG5740	Observed MW: 60 kDa	

Applications

Tested Applications:

IF, IP, WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : HeLa cells, Jurkat cells, K-562 cells, MCF-7 cells, HEK-293 cells

IP : HeLa cells,

IF : U2OS cells,

Background Information

The box C/D snoRNPs are named for the short, conserved box C (UGAUGA) and box D (CUGA) sequences present in their RNA moiety. The box C/D sequences are also required for multiple aspects of snoRNA biogenesis, including RNA stability, intronic processing, nucleolar targeting, nuclear retention, and 59 trimethylguanosine cap formation (PMID:9649444,8878486). Nop58 is a component common to the box C/D small nucleolar ribonucleoprotein (PMID:10606270).

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

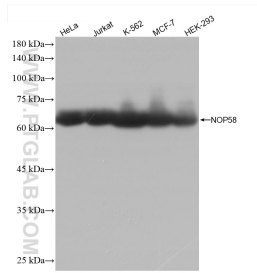
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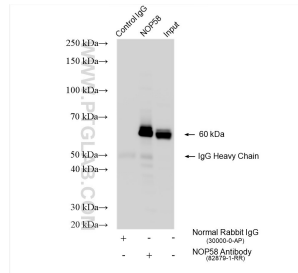
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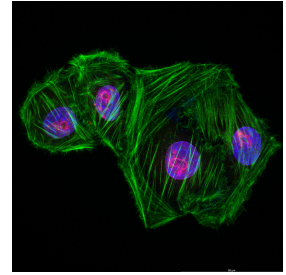
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82879-1-RR (NOP58 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



IP result of anti-NOP58(IP:82879-1-RR, 4ug; Detection:82879-1-RR 1:2000) with HeLa cells lysate 1600 ug.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using NOP58 antibody (82879-1-RR) at dilution of 1:1000 and Multi-rAb CoraLite® Plus 594-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR004).