

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: 1000 µg/ml	GeneID (NCBI): 51602	CloneNo.: 230058C7
Source: Rabbit	UNIPROT ID: Q9Y2X3	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG	Full Name: NOP58 ribonucleoprotein homolog (yeast)	IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate
Immunogen Catalog Number: AG5740	Calculated MW: 60 kDa	IHC 1:500-1:2000
	Observed MW: 60 kDa	IF 1:500-1:2000

Applications

Tested Applications:
WB, IP, IF/ICC, IHC, ELISA

Species Specificity:
Human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

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

IP: HeLa cells,

IHC: human prostate cancer tissue,

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

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

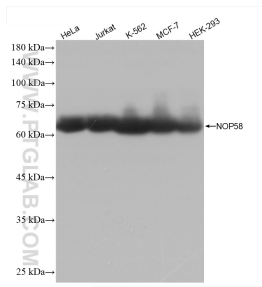
T: 4006900926

E: Proteintech-CN@ptglab.com

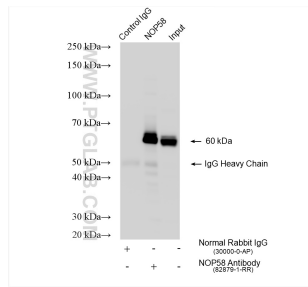
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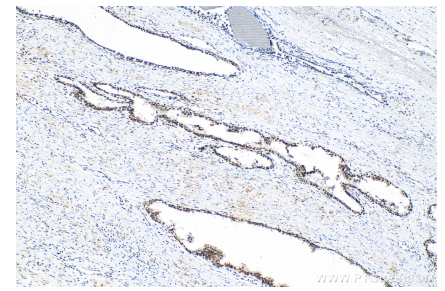
Selected Validation Data



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.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 82879-1-RR (NOP58 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).