

For Research Use Only

NOP58 Polyclonal antibody

Catalog Number: 14409-1-AP

4 Publications



Basic Information

Catalog Number: 14409-1-AP	GenBank Accession Number: BC032592	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1200 µg/ml by Nanodrop;	GeneID (NCBI): 51602	Recommended Dilutions: WB 1:2000-1:12000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
Source: Rabbit	Full Name: NOP58 ribonucleoprotein homolog (yeast)	
Isotype: IgG	Calculated MW: 60 kDa	
Immunogen Catalog Number: AG5740	Observed MW: 60 kDa	

Applications

Tested Applications: IP, WB, ELISA	Positive Controls:
Cited Applications: CoIP, RIP, WB	WB : HeLa cells, Jurkat cells, K-562 cells, MCF-7 cells
Species Specificity: human, mouse, rat	IP : K-562 cells,
Cited Species: human, mouse	

Background Information

The box C/D snoRNPs, is 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 ribonucleoproteins [PMID:10606270].

Notable Publications

Author	Pubmed ID	Journal	Application
Yick W Fong	25407680	Elife	WB
Beatriz Alvarado-Hernandez	34787459	J Virol	WB, CoIP
Marlene Cervantes	32450515	iScience	CoIP, RIP

Storage

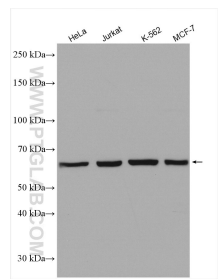
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

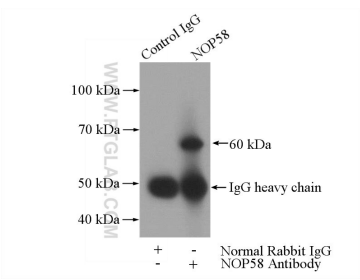
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 14409-1-AP (NOP58 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



IP Result of anti-NOP58 (IP:14409-1-AP, 4ug; Detection:14409-1-AP 1:500) with K-562 cells lysate 3600ug.