

For Research Use Only

NSUN2 Recombinant antibody

Catalog Number: 82894-7-RR



Basic Information

Catalog Number: 82894-7-RR	GenBank Accession Number: BC001041	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 54888	CloneNo.: 230186H8
Source: Rabbit	UNIPROT ID: Q08J23	Recommended Dilutions: WB 1:5000-1:50000 IF 1:125-1:500
Isotype: IgG	Full Name: NOL1/NOP2/Sun domain family, member 2	
Immunogen Catalog Number: AG14791	Calculated MW: 767 aa, 86 kDa	
	Observed MW: 90-100 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls:
Species Specificity: Human	WB : HeLa cells, HepG2 cells, HT-1080 cells, COLO 320 cells, HEK-293 cells IF : HepG2 cells,

Background Information

NSUN2, also known as SAK1 or Misu (Myc-induced SUN-domain-containing protein), is a methyltransferase which catalyses (cytosine-5-)-methylation of tRNA. NSUN2 is direct target gene of c-Myc and may act downstream of Myc to regulate epidermal cell growth and proliferation. NSUN2 is overexpressed in various cancer tissues and may be a valuable target for cancer therapy and a cancer diagnostic marker. Recently a splicing mutation in NSUN2 has been identified as the cause of a Dubowitz-like syndrome, an autosomal recessive disorder.

Storage

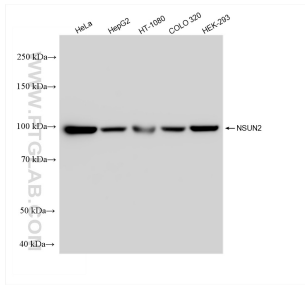
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

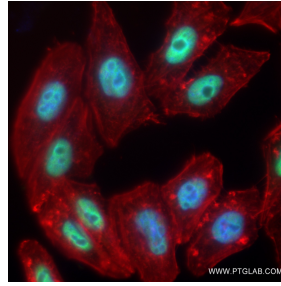
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82894-7-RR (NSUN2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using NSUN2 antibody (82894-7-RR, Clone: 230186H8) at dilution of 1:250 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).