

For Research Use Only

NSUN2 Recombinant antibody

Catalog Number: 82894-3-RR



Basic Information

Catalog Number: 82894-3-RR	GenBank Accession Number: BC001041	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 54888	CloneNo.: 230186B7
Source: Rabbit	UNIPROT ID: Q08J23	Recommended Dilutions: IF/ICC 1:150-1:600
Isotype: IgG	Full Name: NOL1/NOP2/Sun domain family, member 2	
Immunogen Catalog Number: AG14791	Calculated MW: 767 aa, 86 kDa	

Applications

Tested Applications: IF/ICC, ELISA	Positive Controls: IF/ICC : HepG2 cells,
Species Specificity: Human	

Background Information

NSUN2, also known as SAKI 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

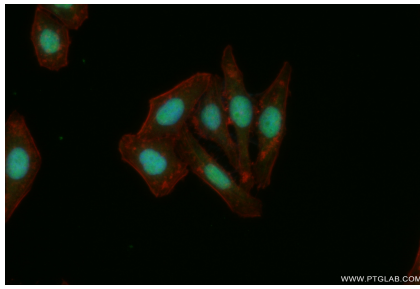
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

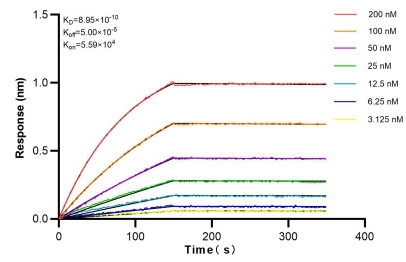
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using NSUN2 antibody (82894-3-RR, Clone: 230186B7) at dilution of 1:300 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L).



Biolayer interferometry (BLI) kinetic assays of 82894-3-RR against Human NSUN2 were performed. The affinity constant is 0.895 nM.