

Product datasheet for **TA379348**

NSUN2 Rabbit Polyclonal Antibody

Product data:

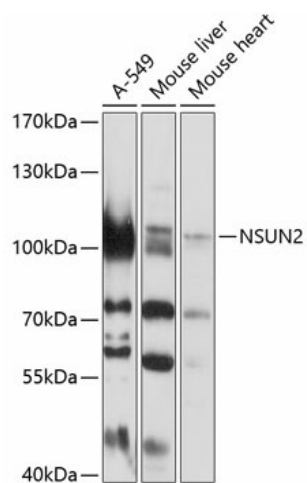
Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB,1:500 - 1:2000 IHC,1:50 - 1:200 IF,1:50 - 1:200
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 508-767 of human NSUN2 (NP_060225.4).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	59kDa/82kDa/86kDa
Gene Name:	NOP2/Sun RNA methyltransferase family member 2
Database Link:	Entrez Gene 54888 Human Q08J23
Background:	This gene encodes a methyltransferase that catalyzes the methylation of cytosine to 5-methylcytosine (m5C) at position 34 of intron-containing tRNA(Leu)(CAA) precursors. This modification is necessary to stabilize the anticodon-codon pairing and correctly translate the mRNA. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.



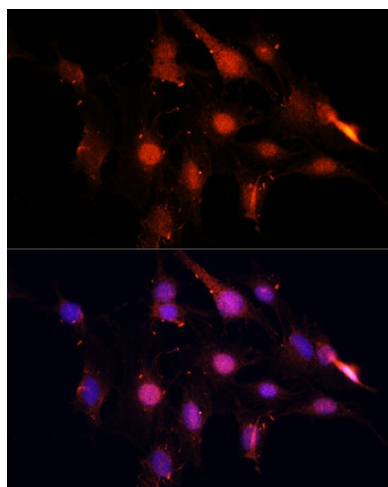
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Synonyms: FLJ20303; hTrm4; Misu; SAKI; TRM4

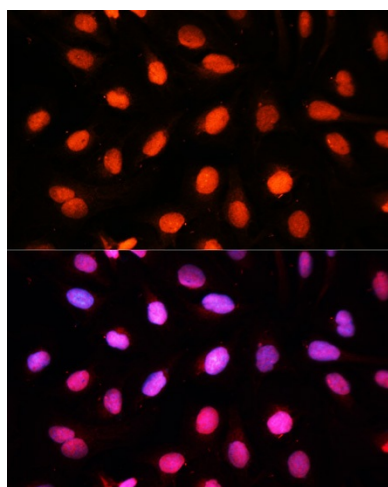
Product images:



Western blot analysis of extracts of various cell lines, using NSUN2 antibody (TA379348) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit. | Exposure time: 10s.



Immunofluorescence analysis of C6 cells using NSUN2 antibody (TA379348) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using NSUN2 antibody (TA379348) at dilution of 1:100. Blue: DAPI for nuclear staining.