

Product datasheet for **TA356740**

NSUN2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human NSUN2
Specificity:	Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish Homology: Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 92%; Zebrafish: 100%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	84kDa
Gene Name:	NOP2/Sun RNA methyltransferase family member 2
Database Link:	NP_060225 Entrez Gene 54888 Human Q08J23



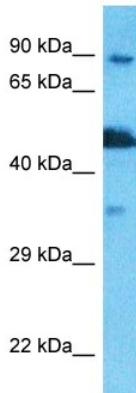
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Background:

NSUN2 is a RNA methyltransferase that methylates tRNAs, and possibly RNA polymerase III transcripts. NSUN2 methylates cytosine to 5- methylcytosine (m5C) at positions 34 and 48 of intron-containing tRNA(Leu)(CAA) precursors, and at positions 48, 49 and 50 of tRNA(Gly) (GCC) precursors. It may act downstream of Myc to regulate epidermal cell growth and proliferation. And it is required for proper spindle assembly and chromosome segregation, independently of its methyltransferase activity.

Synonyms:

FLJ20303; hTrm4; Misu; SAKI; TRM4

Product images:

Host: Rabbit
Target Name: NSUN2
Sample Tissue: PANC1 Cell Lysate
Antibody Dilution: 1.0µg/ml

Host: Rabbit
Target Name: NSUN2
Sample Type: PANC1 Whole Cell lysates
Antibody Dilution: 1.0ug/ml