

OriGene Technologies, Inc.

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Product datasheet for TA346789

NSUN2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
lsotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-NSUN2 antibody: synthetic peptide directed towards the C terminal of human NSUN2. Synthetic peptide located within the following region: FINSRIITVSMEDVKILLTQENPFFRKLSSETYSQAKDLAKGSIVLKYEP
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	86 kDa
Gene Name:	NOP2/Sun RNA methyltransferase family member 2
Database Link:	<u>NP_060225</u> <u>Entrez Gene 54888 Human</u> <u>Q08J23</u>
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. [provided by RefSeq, Mar 2011]
Synonyms:	MISU; MRT5; SAKI; TRM4



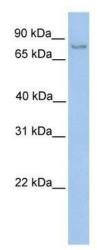
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Note:

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 93%; Guinea pig: 93%

Product images:



WB Suggested Anti-NSUN2 Antibody Titration: 0.2-1 ug/ml; Positive Control: Hela cell lysate

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