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## Datasheet for ABIN7173497 anti-NSUN2 antibody (AA 432-509) (Biotin)

### Overview

Quantity:	100 µg
Target:	NSUN2
Binding Specificity:	AA 432-509
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NSUN2 antibody is conjugated to Biotin
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human tRNA (cytosine(34)-C(5))-methyltransferase protein (432-509AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	NSUN2
Alternative Name:	NSUN2 ( <a href="#">NSUN2 Products</a> )
Background:	Background: RNA methyltransferase that methylates tRNAs, and possibly RNA polymerase III transcripts. Methylates cytosine to 5-methylcytosine (m5C) at positions 34 and 48 of intron-

## Target Details

containing tRNA(Leu)(CAA) precursors, and at positions 48, 49 and 50 of tRNA(Gly)(GCC) precursors. May act downstream of Myc to regulate epidermal cell growth and proliferation. Required for proper spindle assembly and chromosome segregation, independently of its methyltransferase activity.

Aliases: 5 methycytosine methyltransferase antibody, D13Wsu123e antibody, FLJ20303 antibody, hTrm4 antibody, MISU antibody, Myc induced SUN domain containing protein antibody, NOL1/NOP2/Sun domain family 2 antibody, NOL1/NOP2/Sun domain family 2 protein antibody, NOL1/NOP2/Sun domain family member 2 antibody, NSUN 2 antibody, NSUN2 antibody, NSUN2\_HUMAN antibody, SAKI antibody, Substrate of AIM1/Aurora kinase B antibody, TRM4 antibody, tRNA (cytosine 5 ) methyltransferase antibody, tRNA (cytosine 5 ) methyltransferase NSUN2 antibody, tRNA (cytosine(34)-C(5))-methyltransferase antibody, tRNA (cytosine-5-)-methyltransferase antibody, tRNA methyltransferase 4 homolo antibody, tRNA methyltransferase 4 homolog antibody

UniProt: [Q08J23](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.