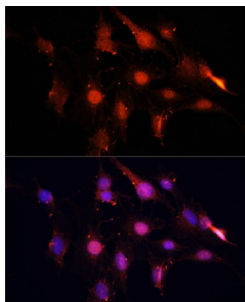
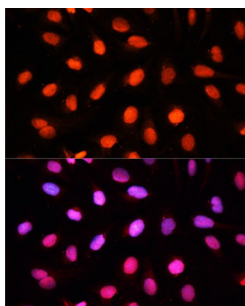


RNA Cytosine C(5)-Methyltransferase NSUN2 (NSUN2) Antibody

Catalogue No.: abx002471



Immunofluorescence analysis of C6 cells using NSUN2 Antibody (1/100 dilution). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using NSUN2 Antibody (1/100 dilution). Blue: DAPI for nuclear staining.

NSUN2 Antibody is a Rabbit Polyclonal antibody against NSUN2. 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.

Target: RNA Cytosine C(5)-Methyltransferase NSUN2 (NSUN2)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: IF/ICC

Host: Rabbit

Recommended dilutions: IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein corresponding to human NSUN2

Isotype: IgG

Form: Liquid

Datasheet

Version: 3.0.0

Revision date: 21 Oct 2025



Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q08J23 (UniProt , ExPASy)
Gene Symbol:	NSUN2
GeneID:	54888
OMIM:	610916
NCBI Accession:	NP_060225.4
HGNC:	25994
KEGG:	hsa:54888
Ensembl:	ENSG00000037474
String:	9606.ENSP00000264670
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.