

NSUN2 Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP11581
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human NSUN2
Mol wt	N/A
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	NSUN2
Synonyms	NSUN2; tRNA; cytosine;34-C;5-methyltransferase; EC 2.1.1.203; Myc-induced SUN domain-containing protein; Misu; NOL1/NOP2/Sun domain family member 2; Substrate of AIM1/Aurora kinase B; tRNA; cytosine-5--methyltransferase; tRNA methyltransferase 4 homolog; hTrm4

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

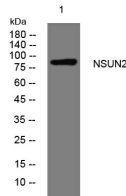
This gene encodes a methyltransferase that catalyzes the methylation of cytosine to 5-methylcytosine (m5C) at position 34 of intron-containing tRNA(Leu)(CAA) precursors. This modification is necessary to stabilize the anticodon-codon pairing and correctly translate the mRNA. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.

Recommended Dilution

WB: 1: 500 - 1: 2000

Not yet tested in other applications.

Images



Western blot analysis of lysates from 293T cells, primary antibody was diluted at 1:1000, 4°C overnight

Storage

-20°C for 1 year