

NSUN2 Rabbit Polyclonal Antibody



CAB3443

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

105kDa

Calculated MW:

59kDa/82kDa/86kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Protein 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.

Immunogen information

Gene ID:

54888

Uniprot

Q08J23

Synonyms:

NSUN2; MISU; MRT5; SAKI; TRM4

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

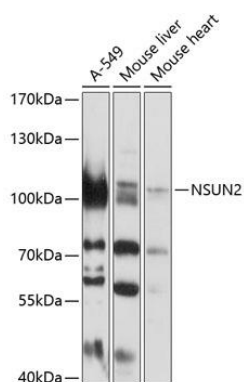
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 508-767 of human NSUN2 (NP_060225.4).

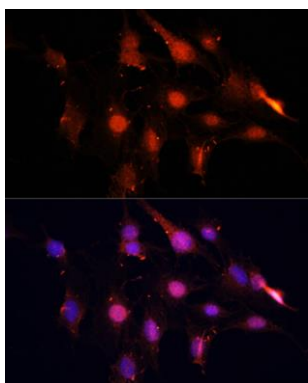
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

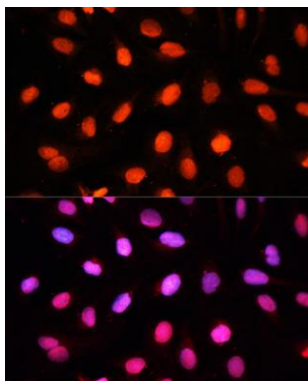
Product Images



Western blot analysis of extracts of various cell lines, using NSUN2 antibody (CAB3443) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.



Immunofluorescence analysis of C6 cells using NSUN2 antibody (CAB3443) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using NSUN2 antibody (CAB3443) at dilution of 1:100. Blue: DAPI for nuclear staining.