
NSUN2 Rabbit pAb

Catalog Number: bs-19477R

Target Protein: NSUN2

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: (predicted:Human, Mouse)

Predicted MW: 86 kDa

Entrez Gene: 54888

Swiss Prot: Q08J23

Source: KLH conjugated synthetic peptide derived from human NSUN2: 101-200/767.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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]

PRODUCT SPECIFIC PUBLICATIONS

[IF=9] Yu Tao. et al. THOC3 interacts with YBX1 to promote lung squamous cell carcinoma progression through PFKFB4 mRNA modification. CELL DEATH DIS. 2023 Jul;14(7):1-13 WB ; Human . 37500615