

NSUN4 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP57537

Specification

NSUN4 Polyclonal Antibody - Product Information

Application IHC-P, IHC-F, IF, ICC
Primary Accession Q96CB9
Host Rabbit
Clonality Polyclonal
Calculated MW 43089

NSUN4 Polyclonal Antibody - Additional Information

Gene ID 387338

Other Names

5-methylcytosine rRNA methyltransferase NSUN4, 2.1.1.-, NOL1/NOP2/Sun domain family member 4, NSUN4

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

NSUN4 Polyclonal Antibody - Protein Information

Name NSUN4

Function

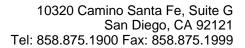
Involved in mitochondrial ribosome assembly. 5-methylcytosine rRNA methyltransferase that probably is involved in mitochondrial ribosome small subunit (SSU) maturation by methylation of mitochondrial 12S rRNA; the function is independent of MTERFD2/MTERF4 and assembled mitochondrial ribosome large subunit (LSU). Targeted to LSU by MTERFD2/MTERF4 and probably is involved in a final step in ribosome biogenesis to ensure that SSU and LSU are assembled. In vitro can methylate 16S rRNA of the LSU; the methylation is enhanced by MTERFD/MTERF4.

Cellular Location

Mitochondrion

NSUN4 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.





• Western Blot

- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

NSUN4 Polyclonal Antibody - Images