

Rabbit anti-Human, Mouse NSUN4 Polyclonal Antibody | anti-NSUN4 antibody

NSUN4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29886	Rabbit	Human, Mouse	Western Blot, Immunocytochemistry, Immunohistochemistry

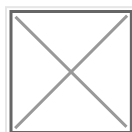
PRODUCT SYNONYMS

NSUN4; Polyclonal Antibody; NSUN4 Antibody; 5 methylcytosine rRNA methyltransferase NSUN4 antibody; EC=2.1.1.- antibody; NOL1/NOP2/Sun domain family member 4 antibody; NOL1/NOP2/Sun domain family; member 4 antibody; NOP2/Sun domain family; Nsun4 antibody; NSUN4_HUMAN antibody; Putative methyltransferase NSUN4 antibody; RP4-603I14.2 antibody; Shtap antibody; Sperm head and tail associated protein antibody; anti-NSUN4 antibody

PRODUCT SPECIFICATIONS

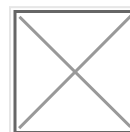
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 0.5%BSA, 50%Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-NSUN4 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Application Notes	WB: 1:500-1:1000 IHC: 1:50-1:200 ICC: 1:50-1:200
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



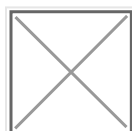
ICC (Immunocytochemistry)

ICC staining NSUN4 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



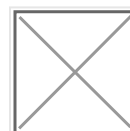
ICC (Immunocytochemistry)

ICC staining NSUN4 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining NSUN4 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-NSUN4 antibody. Counter stained with hematoxylin.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-NSUN4 antibody. Counter stained with hematoxylin.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded human liver cancer tissue using anti-NSUN4 antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-NSUN4 antibody	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.
Product Categories/Family for anti-NSUN4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	40316918
NCBI GeneID	387338
NCBI Accession #	NP_950245
NCBI GenBank Nucleotide #	NM_199044
UniProt Accession #	Q96CB9; Q5TDF7; Q96AN8; Q9HAJ8; A8K6S6; B3KQ50; B4DHA4
Molecular Weight	37,374 Da
NCBI Official Full Name	5-methylcytosine rRNA methyltransferase NSUN4 isoform a
NCBI Official Synonym Full Names	NOP2/Sun domain family, member 4
NCBI Official Symbol	NSUN4
NCBI Official Synonym Symbols	SHTAP
NCBI Protein Information	5-methylcytosine rRNA methyltransferase NSUN4; NOL1/NOP2/Sun domain family member 4; putative methyltransferase NSUN4; sperm head and tail associated protein
UniProt Protein Name	5-methylcytosine rRNA methyltransferase NSUN4
UniProt Gene Name	NSUN4
UniProt Entry Name	NSUN4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nsun4-antibody-western-blot-immunocytochemistry-immunohistochemistry-elisa/29886>