

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

NSUN4 Antibody

CATALOG # AAA229259	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
-------------------------------	-----------------------	----------------------------	--

PRODUCT SYNONYMS

NSUN4; Polyclonal Antibody; NSUN4 Antibody; 5-methylcytosine rRNA methyltransferase NSUN4 (EC:2.1.1.-); NOL1/NOP2/Sun domain family member 4; anti-NSUN4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Liquid
Sequence Length	335
Applicable Applications for anti-NSUN4 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human 5-methylcytosine rRNA methyltransferase NSUN4 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-83447 / sc-83448
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA229259 at dilution of 1:100



WB (Western Blot)

Western blotAll lanes: NSUN4 antibody at 0.6ug/ml+ 293T whole cell lysateGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 44,17,22,38 kDaObserved band size: 43 kDa

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.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	371123153
NCBI GeneID	387338
NCBI Accession #	NP_001243056.1
NCBI GenBank Nucleotide #	NM_001256127.1
UniProt Accession #	Q96CB9; Q5TDF7; Q96AN8; Q9HAJ8; A8K6S6; B3KQ50; B4DHA4
Molecular Weight	37,374 Da
NCBI Official Full Name	5-methylcytosine rRNA methyltransferase NSUN4 isoform b
NCBI Official Synonym Full Names	NOP2/Sun RNA methyltransferase family member 4
NCBI Official Symbol	NSUN4
NCBI Official Synonym Symbols	SHTAP
NCBI Protein Information	5-methylcytosine rRNA methyltransferase NSUN4
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/nsun4-antibody-immunohistochemistry-western-blot-elisa/229259>