

NSUN6 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP10375b**Specification**

NSUN6 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [O8TEA1](#)
Other Accession [NP_872349.1](#)

NSUN6 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 221078

Other Names

Putative methyltransferase NSUN6, 211-, NOL1/NOP2/Sun and PUA domain-containing protein 1, NOL1/NOP2/Sun domain family member 6, NSUN6, NOPD1

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

NSUN6 Antibody (C-term) Blocking peptide - Protein Information

Name NSUN6 ([HGNC:23529](#))

Synonyms NOPD1

Function

S-adenosyl-L-methionine-dependent methyltransferase that specifically methylates the C5 position of cytosine 72 in tRNA(Thr)(TGT) and tRNA(Cys)(GCA) (PubMed:26160102, PubMed:27703015, PubMed:28531330). In vitro also methylates tRNA(Thr)(AGT) (PubMed:27703015, PubMed:26160102). Methylation requires, in the acceptor stem region, the presence of the 3'-CCA terminus, the target site C72, the discriminator base U73, and the second and third base pairs (2:71 and 3:70) in the tRNA substrates (PubMed:26160102, PubMed:27703015).

Cellular Location

Cytoplasm.

NSUN6 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

NSUN6 Antibody (C-term) Blocking peptide - Images

NSUN6 Antibody (C-term) Blocking peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Rikova, K., et al. Cell
131(6):1190-1203(2007)Lamesch, P., et al. Genomics 89(3):307-315(2007)Deloukas, P., et al.
Nature 429(6990):375-381(2004)