

NT5C3L Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP13283a**Specification**

NT5C3L Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [Q969T7](#)**NT5C3L Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 115024**Other Names**

7-methylguanosine phosphate-specific 5'-nucleotidase, 7-methylguanosine nucleotidase, Cytosolic 5'-nucleotidase 3B, Cytosolic 5'-nucleotidase III-like protein, cN-III-like protein, N(7)-methylguanylate 5'-phosphatase, NT5C3B, NT5C3L

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13283a was selected from the N-term region of NT5C3L. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

NT5C3L Antibody (N-term) Blocking peptide - Protein Information**Name** NT5C3B**Synonyms** NT5C3L**Function**

Specifically hydrolyzes 7-methylguanosine monophosphate (m(7)GMP) to 7-methylguanosine and inorganic phosphate (PubMed:23223233, PubMed:24603684). The specific activity for m(7)GMP may protect cells against undesired salvage of m(7)GMP and its incorporation into nucleic acids (PubMed:23223233). Also has weak activity for CMP (PubMed:23223233, PubMed:24603684). UMP and purine nucleotides are poor substrates (PubMed:23223233).

Cellular Location

Cytoplasm.

NT5C3L Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

NT5C3L Antibody (N-term) Blocking peptide - Images**NT5C3L Antibody (N-term) Blocking peptide - Background**

NT5C3L can act both as nucleotidase and as phosphotransferase (By similarity).