

**METTL11B Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP12508a****Specification**

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**METTL11B Antibody (N-term) Blocking peptide - Product Information**Primary Accession [Q5VVY1](#)**METTL11B Antibody (N-term) Blocking peptide - Additional Information**

Gene ID 149281

**Other Names**

Alpha N-terminal protein methyltransferase 1B, Methyltransferase-like protein 11B, X-Pro-Lys N-terminal protein methyltransferase 1B, NTM1B, METTL11B, C1orf184, NRMT2

**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.

**METTL11B Antibody (N-term) Blocking peptide - Protein Information**Name NTMT2 ([HGNC:31932](#))**Function**

Alpha N-methyltransferase that methylates the N-terminus of target proteins containing the N-terminal motif [Ala/Pro/Ser]-Pro-Lys when the initiator Met is cleaved. Specifically catalyzes monomethylation of exposed alpha-amino group of Ala or Ser residue in the [Ala/Ser]-Pro-Lys motif and Pro in the Pro-Pro-Lys motif (PubMed:<a href="http://www.uniprot.org/citations/24090352" target="\_blank">24090352</a>, PubMed:<a href="http://www.uniprot.org/citations/30417120" target="\_blank">30417120</a>). Predominantly functions as a mono- methyltransferase but is also able to di-/tri-methylate the GPKRIA peptide and di-methylate the PPKRIA peptide (in vitro) (PubMed:<a href="http://www.uniprot.org/citations/30417120" target="\_blank">30417120</a>). May activate NTMT1 by priming its substrates for trimethylation (PubMed:<a href="http://www.uniprot.org/citations/24090352" target="\_blank">24090352</a>).

**Cellular Location**

Nucleus.

**METTL11B Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

#### **METTL11B Antibody (N-term) Blocking peptide - Images**

#### **METTL11B Antibody (N-term) Blocking peptide - Background**

METTL11B is alpha-N-methyltransferase that methylates the N-terminus of target proteins containing the N-terminal motif [Ala/Pro/Ser]-Pro-Lys when the initiator Met is cleaved. Specifically catalyzes mono-, di- or tri-methylation of exposed alpha-amino group of Ala, Pro or Ser residue in the [Ala/Pro/Ser]-Pro-Lys motif (By similarity).

#### **METTL11B Antibody (N-term) Blocking peptide - References**

Gregory, S.G., et al. Nature 441(7091):315-321(2006)