

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

METTL11B Antibody (N-term) Blocking peptide - Product InformationPrimary 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: [24090352](http://www.uniprot.org/citations/24090352), PubMed: [30417120](http://www.uniprot.org/citations/30417120)). 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: [30417120](http://www.uniprot.org/citations/30417120)). May activate NTMT1 by priming its substrates for trimethylation (PubMed: [24090352](http://www.uniprot.org/citations/24090352)).

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)