

METTL13 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP17454c**Specification**

METTL13 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q8N6R0](#)**METTL13 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 51603**Other Names**

Methyltransferase-like protein 13, 211-, METTL13, KIAA0859

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.

METTL13 Antibody (Center) Blocking Peptide - Protein Information**Name** METTL13 ([HGNC:24248](#))**Function**

Dual methyltransferase that catalyzes methylation of elongation factor 1-alpha (EEF1A1 and EEF1A2) at two different positions, and is therefore involved in the regulation of mRNA translation (PubMed:30612740, PubMed:30143613). Via its C-terminus, methylates EEF1A1 and EEF1A2 at the N-terminal residue 'Gly-2' (PubMed:30143613). Via its N-terminus dimethylates EEF1A1 and EEF1A2 at residue 'Lys-55' (PubMed:30612740, PubMed:30143613). Has no activity towards core histones H2A, H2B, H3 and H4 (PubMed:30612740). Negatively regulates cell proliferation at G1/S transition via transcriptional suppression of cell cycle regulatory genes such as CDK4 and CDK6 (PubMed:26763933).

Cellular Location

Cytoplasm. Nucleus. Mitochondrion

METTL13 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

METTL13 Antibody (Center) Blocking Peptide - Images**METTL13 Antibody (Center) Blocking Peptide - Background**

The function of this protein remains unknown.

METTL13 Antibody (Center) Blocking Peptide - References

Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :Oh, J.H., et al. Mamm. Genome
16(12):942-954(2005)