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METTL7B Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP18067a

Specification

METTL7B Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q6UX53

METTL7B Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 196410

Other Names
Methyltransferase-like protein 7B, 211-, METTL7B

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.

METTL7B Antibody (N-term) Blocking Peptide - Protein Information

Name TMT1B {ECO:0000303|PubMed:37137720, ECO:0000312|HGNC:HGNC:28276}

Function
Thiol S-methyltransferase that catalyzes the transfer of a methyl group from S-adenosyl-L-methionine to alkyl and phenolic thiol- containing acceptor substrates. Together with TMT1B accounts for most of S-thiol methylation activity in the endoplasmic reticulum of hepatocytes. Selectively methylates S-centered nucleophiles from metabolites such as hydrogen sulfide and dithiothreitol.

Cellular Location
Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:Q562C4}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q562C4}. Lipid droplet {ECO:0000250|UniProtKB:Q562C4}. Microsome. Cytoplasm, cytosol. Note=Highly concentrated in the perinuclear area of the endoplasmic reticulum (ER) and surrounding lipid droplets. May be associated with the specific regions of the LR that form lipid droplets and targeted to the initial deposits of lipids where the lipid droplets form. {ECO:0000250|UniProtKB:Q562C4}

Tissue Location
Expressed in the liver.

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METTL7B Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

METTL7B Antibody (N-term) Blocking Peptide - Images

METTL7B Antibody (N-term) Blocking Peptide - Background

METTL7B is probable methyltransferase (By similarity).

METTL7B Antibody (N-term) Blocking Peptide - References

Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)