10320 Camino Santa Fe, Suite G
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MTHFS Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP18596b

Specification

MTHFS Antibody (C-term) Blocking Peptide - Product Information

Primary Accession P49914

MTHFS Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 10588

Other Names
5-formyltetrahydrofolate cyclo-ligase, 10-methenyl-tetrahydrofolate synthetase, MTHFS, Methenyl-THF synthetase, MTHFS

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.

MTHFS Antibody (C-term) Blocking Peptide - Protein Information

Name MTHFS

Function
Contributes to tetrahydrofolate metabolism. Helps regulate carbon flow through the folate-dependent one-carbon metabolic network that supplies carbon for the biosynthesis of purines, thymidine and amino acids. Catalyzes the irreversible conversion of 5-formyltetrahydrofolate (5-FTHF) to yield 5,10-methenyltetrahydrofolate.

Cellular Location
Cytoplasm.

MTHFS Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

MTHFS Antibody (C-term) Blocking Peptide - Images

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MTHFS Antibody (C-term) Blocking Peptide - Background

MTHFS contributes to tetrahydrofolate metabolism. Helps regulate carbon flow through the folate-dependent one-carbon metabolic network that supplies carbon for the biosynthesis of purines, thymidine and amino acids.

MTHFS Antibody (C-term) Blocking Peptide - References

Kelemen, L.E., et al. Cancer Epidemiol. Biomarkers Prev. 19(7):1822-1830(2010)Hazra, A., et al. Cancer Causes Control 21(3):331-345(2010)Jugessur, A., et al. PLoS ONE 5 (7), E11493 (2010) :Wu, D., et al. Cancer Res. 69(18):7294-7301(2009)Franke, B., et al. Birth Defects Res. Part A Clin. Mol. Teratol. 85(3):216-226(2009)