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MAT2B Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP9534a

Specification

MAT2B Antibody (N-term) Blocking Peptide - Product Information

Primary Accession	Q9NZL9
Other Accession	NP_037415

MAT2B Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 27430

Other Names
Methionine adenosyltransferase 2 subunit beta, Methionine adenosyltransferase II beta, MAT II beta, Putative dTDP-4-keto-6-deoxy-D-glucose 4-reductase, MAT2B, TGR

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.

MAT2B Antibody (N-term) Blocking Peptide - Protein Information

Name MAT2B

Synonyms TGR

Function
Regulatory subunit of S-adenosylmethionine synthetase 2, an enzyme that catalyzes the formation of S-adenosylmethionine from methionine and ATP. Regulates MAT2A catalytic activity by changing its kinetic properties, increasing its affinity for L-methionine (PubMed:10644686, PubMed:23189196, PubMed:25075345). Can bind NADP (in vitro) (PubMed:23189196, PubMed:23425511).

Tissue Location
Widely expressed.

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MAT2B Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

MAT2B Antibody (N-term) Blocking Peptide - Images

MAT2B Antibody (N-term) Blocking Peptide - Background

MAT2B belongs to the methionine adenosyltransferase (MAT) family. MAT catalyzes the biosynthesis of S-adenosylmethionine from methionine and ATP. This protein is the regulatory beta subunit of MAT.

MAT2B Antibody (N-term) Blocking Peptide - References

Martinez, C.A., et al. Am. J. Obstet. Gynecol. 201 (4), 394 (2009) : Boyles, A.L., et al. Genet. Epidemiol. 33(3):247-255(2009) Persson, B., et al. Chem. Biol. Interact. 178 (1-3), 94-98 (2009) : Attia, R.R., et al. J. Biol. Chem. 283(45):30788-30795(2008) Wang, Q., et al. World J. Gastroenterol. 14(29):4633-4642(2008) LeGros, L., et al. J. Biol. Chem. 276(27):24918-24924(2001)