

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

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

Primary Accession [O9NZL9](#)
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](http://www.uniprot.org/citations/10644686), PubMed: [23189196](http://www.uniprot.org/citations/23189196), PubMed: [25075345](http://www.uniprot.org/citations/25075345)). Can bind NADP (in vitro) (PubMed: [23189196](http://www.uniprot.org/citations/23189196), PubMed: [23425511](http://www.uniprot.org/citations/23425511)).

Tissue Location

Widely expressed.

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)