10320 Camino Santa Fe, Suite G
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TAT Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP9533c

Specification

TAT Antibody (Center) Blocking Peptide - Product Information

Primary Accession	P17735
Other Accession	NP_000344

TAT Antibody (Center) Blocking Peptide - Additional Information

Gene ID 6898

Other Names
Tyrosine aminotransferase, TAT, L-tyrosine:2-oxoglutarate aminotransferase, TAT

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.

TAT Antibody (Center) Blocking Peptide - Protein Information

Name TAT

Function
Transaminase involved in tyrosine breakdown. Converts tyrosine to p-hydroxyphenylpyruvate. Can catalyze the reverse reaction, using glutamic acid, with 2-oxoglutarate as cosubstrate (in vitro). Has much lower affinity and transaminase activity towards phenylalanine.

TAT Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

TAT Antibody (Center) Blocking Peptide - Images

TAT Antibody (Center) Blocking Peptide - Background

TAT is a mitochondrial protein tyrosine aminotransferase which is present in the liver and catalyzes the conversion of L-tyrosine into p-hydroxyphenylpyruvate.

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TAT Antibody (Center) Blocking Peptide - References

Liu, S., et al. Biosci. Rep. 29(2):103-109(2009) Pasternack, S.M., et al. Br. J. Dermatol. 160(3):704-706(2009) Maydan, G., et al. J. Inherit. Metab. Dis. 29(5):620-626(2006) Charfeddine, C., et al. Mol. Genet. Metab. 88(2):184-191(2006) Baharvand, H., et al. Int. J. Dev. Biol. 50(7):645-652(2006) Natt, E., et al. Proc. Natl. Acad. Sci. U.S.A. 89(19):9297-9301(1992)