10320 Camino Santa Fe, Suite G
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TPI1 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP2917b

Specification

TPI1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession P60174

TPI1 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 7167

Other Names
Triosephosphate isomerase, TIM, Triose-phosphate isomerase, TPI1, TPI

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP2917b was selected from the C-term region of human TPI1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

TPI1 Antibody (C-term) Blocking Peptide - Protein Information

Name TPI1

Synonyms TPI

Function
Triosephosphate isomerase is an extremely efficient metabolic enzyme that catalyzes the interconversion between dihydroxyacetone phosphate (DHAP) and D-glyceraldehyde-3-phosphate (G3P) in glycolysis and gluconeogenesis.

Cellular Location
Cytoplasm {ECO:0000255|PROSITE-ProRule:PRU10127}.

TPI1 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

TPI1 Antibody (C-term) Blocking Peptide - Images

TPI1 Antibody (C-term) Blocking Peptide - Background

TPI1 is an enzyme, consisting of two identical proteins, which catalyzes the isomerization of glyceraldehydes 3-phosphate (G3P) and dihydroxy-acetone phosphate (DHAP) in glycolysis and gluconeogenesis.

TPI1 Antibody (C-term) Blocking Peptide - References

Martins-de-Souza,D., et.al., BMC Psychiatry 9, 17 (2009)