

**TPI1 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP2917b****Specification**

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**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](/products/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**

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)