

TPI1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP2917a**Specification**

TPI1 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [P60174](#)**TPI1 Antibody (N-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 [AP2917a](/products/AP2917a) was selected from the N-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 (N-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 (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TPI1 Antibody (N-term) Blocking Peptide - Images

TPI1 Antibody (N-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 (N-term) Blocking Peptide - References

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