

Triosephosphate isomerase Antibody
Rabbit mAb
Catalog # AP92364**Specification**

Triosephosphate isomerase Antibody - Product Information

Application	WB, FC
Primary Accession	P60174
Reactivity	Rat
Clonality	Monoclonal
Other Names	
HEL-S-49; TIM; TPI1; TPID;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	26669 Da

Triosephosphate isomerase Antibody - Additional Information

Dilution	WB~~1:1000 FC~~1:10~50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Triosephosphate isomerase
Description	Triosephosphate isomerase (TIM) catalyses the reversible interconversion of G3P and DHAP. Only G3P can be used in glycolysis, therefore TIM is essential for energy production, allowing two molecules of G3P to be produced for every glucose molecule, thereby doubling the energy yield.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Triosephosphate isomerase Antibody - 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

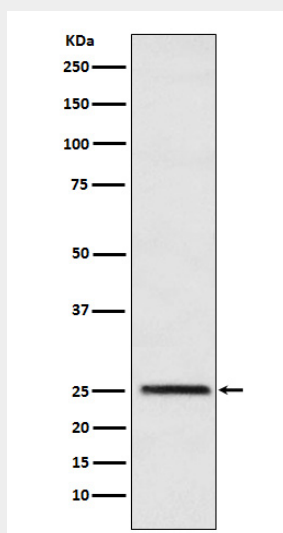
Cytoplasm {ECO:0000255|PROSITE-ProRule:PRU10127}.

Triosephosphate isomerase Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Triosephosphate isomerase Antibody - Images



Western blot analysis of Triosephosphate isomerase expression in HeLa cell lysate.