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Triosephosphate isomerase Antibody

Rabbit mAb
Catalog # AP92364

Product Information

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

Additional Information

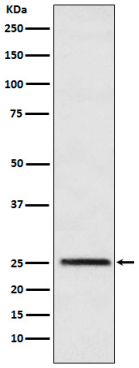
Dilution	WB 1:500~1:2000 FC 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Triosephosphate isomerase
Description	Triosephosphate isomerase (TIM) catalyses the reversible interconversion of G3P and DHAP. Only G3P can be used in glycolysis, therefore TIM is 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.

Protein Information

Name	TPI1 (HGNC:12009)
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}.

Images

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



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