

TPI1

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW: 30kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human TPI1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

TIM; TPI; TPID;

Catalog #: A2579

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 7167

Isotype: IgG

Swiss Prot: P60174

Purity: Affinity purification

For research use only.

Background:

This gene encodes 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. Mutations in this gene are associated with triosephosphate isomerase deficiency. Pseudogenes have been identified on chromosomes 1, 4, 6 and 7. Alternative splicing results in multiple transcript variants.

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