

DNAxPAb

Hard-to-Find
Antibody

TPI1 DNAxPab

Catalog # H00007167-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human TPI1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAPSRKFFVGGNWKMNGRKQSLGELIGTLNAAKVPADTEVVCAPPTAYIDFARQKLDPKIAVAAQ NCYKVTNGAFTGEISPGMIKDCGATWVVLGHSERRHVFGESEDELIGQKVAHALAEGLGVIACIGEK LDEREAGITEKVVFEQTKVIADNVKDWSKVVLAYEPVWAIGTGKTATPQQAQEVHEKLRGWLKS NVSDAVAQSTRIYGGSVTGATCKELASQPDVDGFLVGGASLKPEFVDIINAKQ
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — TPI1

Entrez GeneID [7167](#)**GeneBank Accession#** [NM_000365.4](#)**Protein Accession#** [NP_000356.1](#)**Gene Name** TPI1**Gene Alias** MGC88108, TPI**Gene Description** triosephosphate isomerase 1**Omim ID** [190450](#)**Gene Ontology** [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations -

Pathway

- [Carbon fixation in photosynthetic organisms](#)
- [Fructose and mannose metabolism](#)
- [Glycolysis / Gluconeogenesis](#)
- [Inositol phosphate metabolism](#)
- [Metabolic pathways](#)

Disease

- [Malaria](#)