

Rabbit anti-Human, Mouse TPI1 Polyclonal Antibody | anti-TPI1 antibody

TPI1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA37473	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

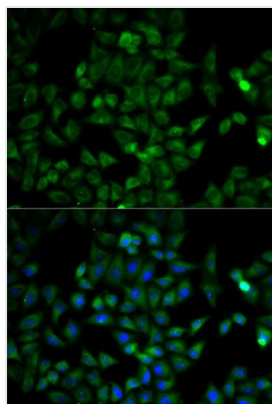
PRODUCT SYNONYMS

TPI1; Polyclonal Antibody; TPI1 Polyclonal Antibody; TIM; TPI; TPID; anti-TPI1 antibody

PRODUCT SPECIFICATIONS

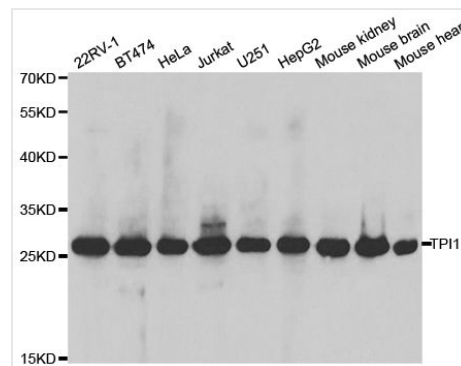
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	286
Applicable Applications for anti-TPI1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human TPI1
Calculated Molecular Weight	30kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using TPI1 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using TPI1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-TPI1 antibody	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.
Product Categories/Family for anti-TPI1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	353526311
NCBI GeneID	7167
UniProt Accession #	P60174; P00938; Q6FHP9; Q6IS07; Q8WWD0; Q96AG5; B7Z5D8; D3DUS9
Molecular Weight	249
NCBI Official Full Name	Triosephosphate isomerase
NCBI Official Synonym Full Names	triosephosphate isomerase 1
NCBI Official Symbol	TPI1
NCBI Official Synonym Symbols	TIM; TPI; TPID; HEL-S-49
NCBI Protein Information	triosephosphate isomerase; triose-phosphate isomerase; epididymis secretory protein Li 49
UniProt Protein Name	Triosephosphate isomerase
UniProt Gene Name	TPI1
UniProt Synonym Gene Names	TPI; TIM
UniProt Entry Name	TPIS_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/tpi1-antibody-immunohistochemistry-western-blot-elisa/37473>