

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

TPI1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304574	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

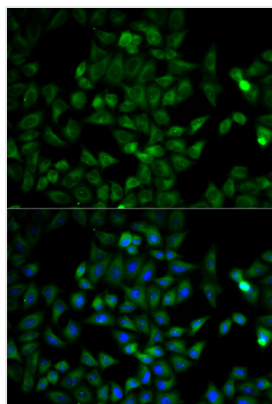
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

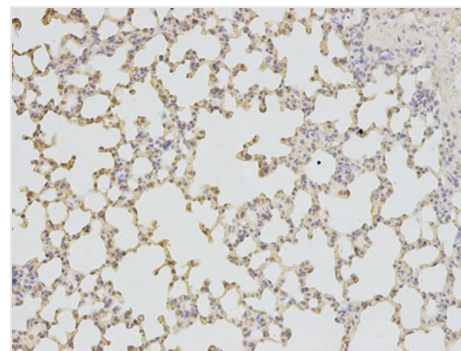
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total TPI1 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	249
Applicable Applications for anti-TPI1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human TPI1.
Target Name	TPI1
Preparation and Storage	Store at -20 degree C

IMAGES



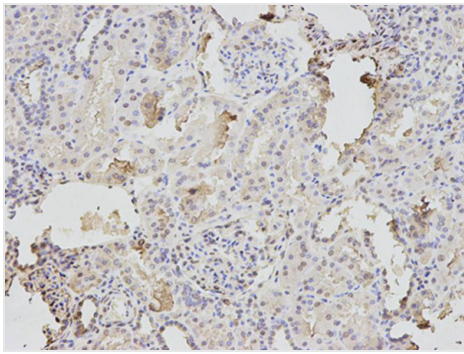
IF (Immunofluorescence)

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



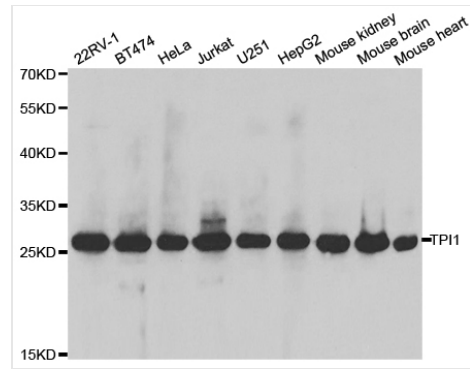
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse lung using TPI1 antibody at dilution of 1:200 (200x lens).



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human kidney using TPI1 antibody at dilution of 1:200 (200x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using TPI1 antibody.

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	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507645
NCBI GeneID	7167
NCBI Accession #	NP_000356.1
NCBI GenBank Nucleotide #	NM_000365.5
UniProt Accession #	P60174; P00938; Q6FHP9; Q6IS07; Q8WWD0; Q96AG5; B7Z5D8; D3DUS9
Molecular Weight	17,958 Da
NCBI Official Full Name	triosephosphate isomerase isoform 1
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
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-immunofluorescence-immunohistochemistry-western-blot-elisa/304574>