

Rabbit Triosephosphate Isomerase 1 Polyclonal Antibody | anti-TPI1 antibody

Polyclonal Antibody to Triosephosphate Isomerase 1 (TPI1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA141613	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Triosephosphate Isomerase 1; Polyclonal Antibody; Polyclonal Antibody to Triosephosphate Isomerase 1 (TPI1); anti-TPI1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against TPI1. It has been selected for its ability to recognize TPI1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag. His-tag and T7-tag and its sequence is listed below. MGSSH HHHHSSGLV PRGSHMASMT GGQMGGRGS- MAEDGEEAEF HFAALYISGQ WPRLRADTDL QRLGSSAMAP SRKFFVGGNW KMNGRKQSLG ELIGTLNAAK VPADTEVVCA PPTAYIDFAR QKLDPKIAVA AQNCYKVTNG AFTGEISPGM IKDCGATWVV LGHSERRHVF GESDELIGQK VAHALAEGLG VIACIGEKLD EREAGITEKV VFEQTKVIAD NVKDWSKVVL AYEPVWAGT GKTATPQQAQ EVHEKLRGWL KSNVSDAVAQ STRIYGGSV
Sequence Length	248
Applicable Applications for anti-TPI1 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	TPI1 (Met1~Gln286)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human
Conjugate	No Conjugate
Immunogen	Recombinant TPI1 (Met1~Gln286) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on formalin fixed paraffin-embedded liver tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.

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

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.