

Rabbit TPI1 Polyclonal Antibody | anti-TPI1 antibody

TPI1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199869	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Rabbit	Western Blot

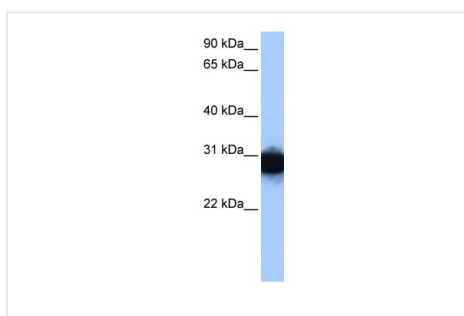
PRODUCT SYNONYMS

TPI1; Polyclonal Antibody; TPI1 antibody - N-terminal region; anti-TPI1 antibody

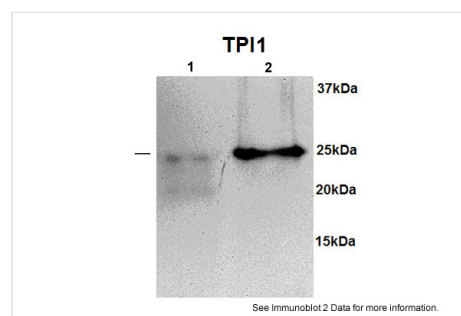
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Rabbit
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide located within the following region: MA PSRKFFVGGN WKMNGRKQSL GELIGTLNAA KVPADTEVVC APPTAYID
Sequence Length	249
Applicable Applications for anti-TPI1 antibody	WB (Western Blot)
Homology	Cow: 79%; Dog: 79%; Guinea Pig: 79%; Horse: 86%; Human: 100%; Rabbit: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human TPI1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-TPI1 Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate


WB (Western Blot)

HEPG2, Drosophila

ADDITIONAL INFORMATION

Related Product Information for anti-TPI1 antibody	This is a rabbit polyclonal antibody against TPI1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: TPI1 belongs to the triosephosphate isomerase family. Defects in TPI1 are the cause of triosephosphate isomerase deficiency (TPI deficiency) . TPI deficiency is an autosomal recessive disorder. It is the most severe clinical disorder of glycolysis. It is associated with neonatal jaundice, chronic hemolytic anemia, progressive neuromuscular dysfunction, cardiomyopathy and increased susceptibility to infection.
Product Categories/Family for anti-TPI1 antibody	Polyclonal; Drugs and Drug Metabolism; Cardiovascular; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507645
NCBI GeneID	7167
NCBI Accession #	NP_000356
NCBI GenBank Nucleotide #	NM_000365
UniProt Accession #	P60174
Molecular Weight	27kDa
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.