

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

TMPO Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288703	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

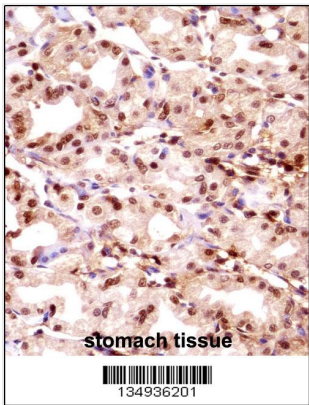
PRODUCT SYNONYMS

TMPO; Polyclonal Antibody; TMPO Antibody (N-term); Lamina-associated polypeptide 2; isoform alpha; Thymopoietin isoform alpha; TP alpha; Thymopoietin-related peptide isoform alpha; TPRP isoform alpha; Thymopoietin; TP; Splenin; Thymopentin; TP5; LAP2; anti-TMPO antibody

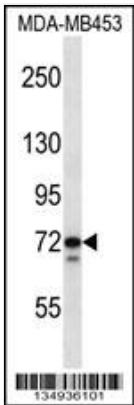
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TMPO antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 166-195 amino acids from the N-terminal region of human TMPO.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.4 (varies by lot)
Sequence Positions	166-195
Sequence Length	694
Applicable Applications for anti-TMPO antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
TMPO Antibody (N-term) (AAA288703)immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of TMPO Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
TMPO Antibody (N-term) western blot analysis in MDA-MB453 cell line lysates (35ug/lane).This demonstrates the TMPO antibody detected the TMPO protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-TMPO antibody	The protein encoded by this gene resides in the nucleus and may play a role in the assembly of the nuclear lamina, and thus help maintain the structural organization of the nuclear envelope. It may function as a receptor for the attachment of lamin filaments to the inner nuclear membrane. Mutations in this gene are associated with dilated cardiomyopathy. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.
Product Categories/Family for anti-TMPO antibody	Cell Biology; Immunology; Signal Transduction
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Davila, S., et al. Genes Immun. 11(3):232-238(2010) Craig, D.W., et al. Diabet. Med. 26(11):1090-1098(2009) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Shaklai, S., et al. Eur. J. Cell Biol. 87(5):267-278(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507555
NCBI GeneID	7112
NCBI Accession #	NP_003267.1
NCBI GenBank Nucleotide #	NM_003276.2
UniProt Accession #	P42166; P08918; P08919; Q14860; Q16295; P42167
Molecular Weight	75492
NCBI Official Full Name	thymopoietin isoform alpha
NCBI Official Synonym Full Names	thymopoietin
NCBI Official Symbol	TMPO
NCBI Official Synonym Symbols	TP; LAP2; CMD1T; LEMD4; PRO0868
NCBI Protein Information	thymopoietin

UniProt Protein Name	Lamina-associated polypeptide 2, isoform alpha
UniProt Gene Name	TMPO
UniProt Synonym Gene Names	LAP2; TP alpha; TPRP isoform alpha; TP
UniProt Entry Name	LAP2A_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tmpo-antibody-immunohistochemistry-western-blot-elisa/288703>