

Rabbit anti-Human, mouse TNMD Polyclonal Antibody | anti-TNMD antibody

TNMD Antibody (Center)

CATALOG # AAA285644	HOST Rabbit	REACTIVITY Human, mouse	APPLICATIONS ELISA, Western Blot
-------------------------------	-----------------------	-----------------------------------	--

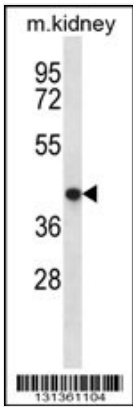
PRODUCT SYNONYMS

TNMD; Polyclonal Antibody; TNMD Antibody (Center); Tenomodulin; TeM; hTeM; Chondromodulin-1-like protein; ChM1L; hChM1L; Chondromodulin-I-like protein; Myodulin; Tendin; CHM1L; anti-TNMD antibody

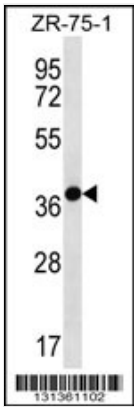
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TNMD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 213-241 amino acids from the Central region of human TNMD.
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: 0.28 (varies by lot)
Sequence Positions	213-241
Sequence Length	317
Applicable Applications for anti-TNMD antibody	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



WB (Western Blot)
TNMD Antibody (Center) western blot analysis in mouse kidney tissue lysates (35ug/lane). This demonstrates the TNMD antibody detected the TNMD protein (arrow).



WB (Western Blot)
TNMD Antibody (Center) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the TNMD antibody detected the TNMD protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-TNMD antibody	This gene encodes a protein that is related to chondromodulin-I, which is a cartilage-specific glycoprotein that functions to stimulate chondrocyte growth and to inhibit tube formation of endothelial cells. This protein is also an angiogenesis inhibitor. Genetic variation in this gene is associated with a risk for type 2 diabetes, central obesity and serum levels of systemic immune mediators in a body size-dependent manner. This gene is also a candidate gene for age-related macular degeneration, though a direct link has yet to be demonstrated.
Product Categories/Family for anti-TNMD antibody	Cardiovascular
References	Saiki, A., et al. J. Clin. Endocrinol. Metab. 94(10):3987-3994(2009) Tolppanen, A.M., et al. Neurobiol. Aging (2009) In press : Tolppanen, A.M., et al. Mol. Vis. 15, 762-770 (2009) : Tolppanen, A.M., et al. Int J Obes (Lond) 32(12):1868-1872(2008) Kimura, N., et al. Circulation 118(17):1737-1747(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	156627559
NCBI GeneID	64102
NCBI Accession #	NP_071427.2
NCBI GenBank Nucleotide #	NM_022144.2
UniProt Accession #	Q9H2S6; Q9HBX0; Q9UJG0
Molecular Weight	37130
NCBI Official Full Name	tenomodulin
NCBI Official Synonym Full Names	tenomodulin
NCBI Official Symbol	TNMD
NCBI Official Synonym Symbols	TEM; CHM1L; BRICD4
NCBI Protein Information	tenomodulin
UniProt Protein Name	Tenomodulin

UniProt Gene Name	TNMD
UniProt Synonym Gene Names	CHM1L; TeM; hTeM; ChM1L; hChM1L
UniProt Entry Name	TNMD_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/tnmd-antibody-western-blot-elisa/285644>