

**TNMD Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP22288a****Specification**

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**TNMD Antibody - Product Information**

Application	WB, IHC-P,E
Primary Accession	<a href="#">Q9H2S6</a>
Reactivity	Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG

**TNMD Antibody - Additional Information****Gene ID** 64102**Other Names**

Tenomodulin, TeM, hTeM, Chondromodulin-1-like protein, ChM1L, hChM1L, Chondromodulin-I-like protein, Myodulin, Tendin, TNMD, CHM1L

**Target/Specificity**

This TNMD antibody is generated from a rabbit immunized with a recombinant protein of human TNMD.

**Dilution**

WB~~1:2000

IHC-P~~1:25

E~~Use at an assay dependent concentration.

**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.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

TNMD Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**TNMD Antibody - Protein Information****Name** TNMD**Synonyms** CHM1L**Function** May be an angiogenesis inhibitor.

**Cellular Location**

[Isoform 1]: Membrane; Single-pass type II membrane protein. Nucleus envelope [Isoform 3]: Cytoplasm.

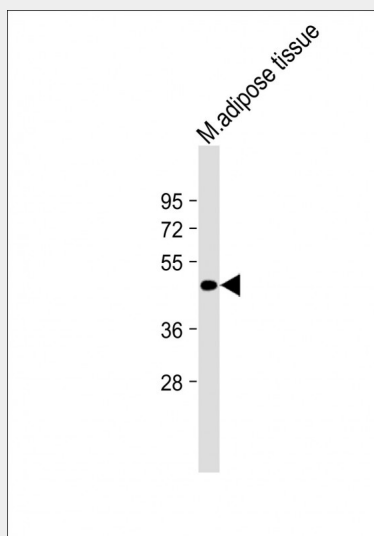
**Tissue Location**

Highly expressed in hypovascular connective tissues such as tendons. Also has strong expression in adipose tissue

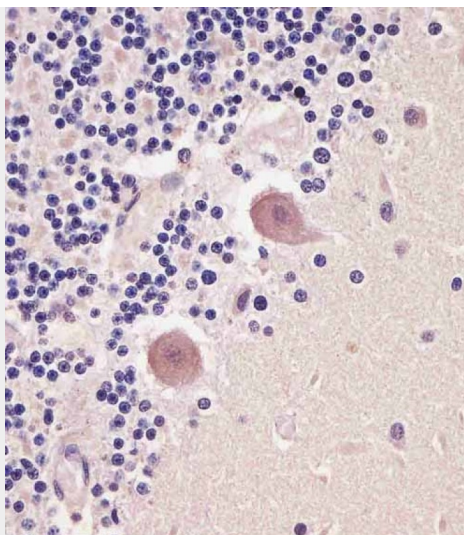
**TNMD Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**TNMD Antibody - Images**

Anti-TNMD Antibody at 1:2000 dilution + Mouse adipose tissue lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 37 kDa Blocking/Dilution buffer: 5% NFDm/TBST.



AP22288a staining TNMD in human cerebellum tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hour at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

#### **TNMD Antibody - Background**

May be an angiogenesis inhibitor.

#### **TNMD Antibody - References**

Yamana K., et al. *Biochem. Biophys. Res. Commun.* 280:1101-1106(2001).  
Shukunami C., et al. *Biochem. Biophys. Res. Commun.* 280:1323-1327(2001).  
Cros N., et al. Submitted (OCT-1999) to the EMBL/GenBank/DDBJ databases.  
Brandau O., et al. *Dev. Dyn.* 221:72-80(2001).  
Clark H.F., et al. *Genome Res.* 13:2265-2270(2003).