

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

TNMD Antibody - Product Information

Application	WB, IHC-P,E
Primary Accession	Q9H2S6
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

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.

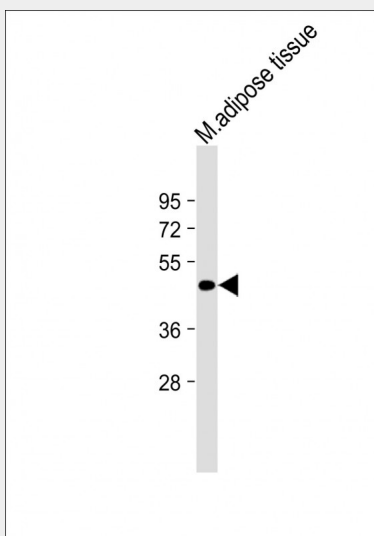
Tissue Location

Highly expressed in hypovascular connective tissues such as tendons. Has also strong expression in adipose tissue

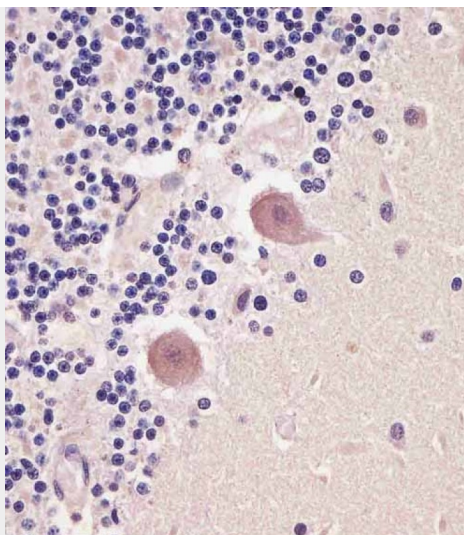
TNMD Antibody - Protocols

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).