

# TNMD Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP22288a

## Product Information

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<b>Application</b>	WB, IHC-P, E
<b>Primary Accession</b>	<a href="#">Q9H2S6</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB56804
<b>Calculated MW</b>	37130

## Additional Information

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<b>Gene ID</b>	64102
<b>Other Names</b>	Tenomodulin, TeM, hTeM, Chondromodulin-1-like protein, ChM1L, hChM1L, Chondromodulin-I-like protein, Myodulin, Tendin, TNMD, CHM1L
<b>Target/Specificity</b>	This TNMD antibody is generated from a rabbit immunized with a recombinant protein of human TNMD.
<b>Dilution</b>	WB~~1:2000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	TNMD Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	TNMD
<b>Synonyms</b>	CHM1L
<b>Function</b>	May be an angiogenesis inhibitor.
<b>Cellular Location</b>	[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

## Background

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May be an angiogenesis inhibitor.

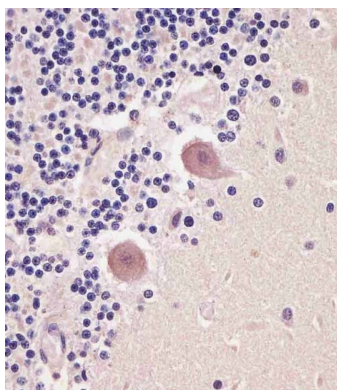
## References

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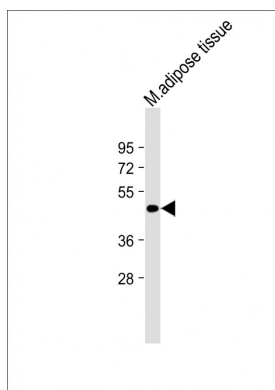
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## Images

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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 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.