

TNMD Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP12668c**Specification**

TNMD Antibody (Center) Blocking peptide - Product Information

Primary Accession [Q9H2S6](#)

TNMD Antibody (Center) Blocking peptide - Additional Information

Gene ID 64102

Other Names

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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TNMD Antibody (Center) Blocking peptide - 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 (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

TNMD Antibody (Center) Blocking peptide - Images**TNMD Antibody (Center) Blocking peptide - Background**

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.

TNMD Antibody (Center) Blocking peptide - 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)