

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 tubeformation 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)