

## Product datasheet for **AP54322PU-N**

### tenomodulin (TNMD) (Center) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:1;000. Western blot: 1:100~500.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 220-249 amino acids from the Central region of human TNMD
Specificity:	This antibody detects Tenomodulin (TNMD) (Center).
Formulation:	PBS with 0.09% (W/V) sodium azide State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Protein A column followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	tenomodulin
Database Link:	<a href="#">Entrez Gene 64103 Mouse</a> <a href="#">Entrez Gene 64102 Human</a> <a href="#">Q9H2S6</a>



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**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.

**Synonyms:**

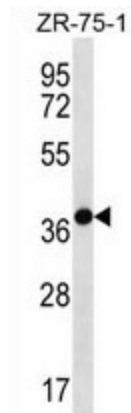
CHM1L, Myodulin, Tendin

**Note:**

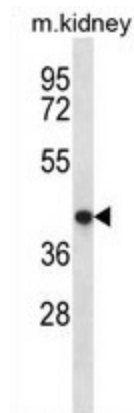
**Molecular Weight:** 37130 Da

**Protein Families:**

Transmembrane

**Product images:**


TNMD Antibody (Center) western blot analysis in ZR-75-1 cell line lysates (35 ug/lane). This demonstrates the TNMD antibody detected the TNMD protein (arrow).



TNMD Antibody (Center) western blot analysis in mouse kidney tissue lysates (35 ug/lane). This demonstrates the TNMD antibody detected the TNMD protein (arrow).