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TNMD Rabbit pAb

Catalog # AP99991

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9H2S6
Other Accession	Q9H2S6
Reactivity	Rat, Human, Mouse
Predicted	Pig, Rabbit, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37130
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TNMD
Epitope Specificity	151-250/317
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the chondromodulin-1 family.Contains 1 BRICHOS domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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. [provided by RefSeq, Sep 2009].

Additional Information

Gene ID	64102
Other Names	BRICD4; CHM1L; TEM; 1110017I01Rik; TNMD_HUMAN; TNMD; hTeM; Chondromodulin-1-like protein (ChM1L | hChM1L); Chondromodulin-I-like protein; Myodulin; Tendin; TNMD_MOUSE; mTeM; Chondromodulin-1-like protein (ChM1L | mChM1L); TNMD_RAT; rTeM; Chondromodulin-1-like protein (ChM1L | rChM1L); tenomodulin; BRICHOS domain containing 4
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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. Also has strong expression in adipose tissue

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