



Rabbit Anti-TNMD antibody

SL7525R

Product Name:	TNMD
Chinese Name:	腱调蛋白/软骨调节素样1蛋白抗体
Alias:	BRICD4; BRICHOS domain containing 4; CHM1 LIKE; CHM1L; Chondromodulin I like; Chondromodulin I like protein; Chondromodulin-1-like protein; Chondromodulin-I-like protein; hChM1L; hTeM; Myodulin; TEM; Tendin; Tenomodulin; Tenomodulin protein; TNMD; TNMD_HUMAN; UNQ771/PRO1565.
文献引用 PubMed :	<p>Specific References(2) SL7525R has been referenced in 2 publications.</p> <p>[IF=2.61]Shimada, Akemi, et al. "Efficient expansion of mouse primary tenocytes using a novel collagen gel culture method." Histochemistry and Cell Biology (2014): 1-11.Mouse. PubMed:24509807</p> <p>[IF=2.93]Wada, Satoshi, et al. "H3K9MTase G9a is essential for the differentiation and growth of tenocytes in vitro." Histochemistry and Cell Biology (2015): 1-8.IHC-P;Mouse. PubMed:25812847</p>
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	37kDa
Cellular localization:	The nucleuscytoplasmicThe cell membrane
Form:	Lyophilized or Liquid

Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human TNMD:151-250/317<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	<p>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].</p> <p>Function: May be an angiogenesis inhibitor.</p> <p>Subcellular Location: Membrane; Single-pass type II membrane protein.</p> <p>Similarity: Belongs to the chondromodulin-1 family. Contains 1 BRICHOS domain.</p> <p>SWISS: Q9H2S6</p> <p>Gene ID: 64102</p> <p>Database links:</p> <p>Entrez Gene: 64102Human</p> <p>Entrez Gene: 64103Mouse</p> <p>Entrez Gene: 64104Rat</p> <p>Omim: 300459Human</p> <p>SwissProt: Q9H2S6Human</p>

[SwissProt: Q9EP64](#)Mouse

[SwissProt: Q9ESC2](#)Rat

[Unigene: 132957](#)Human

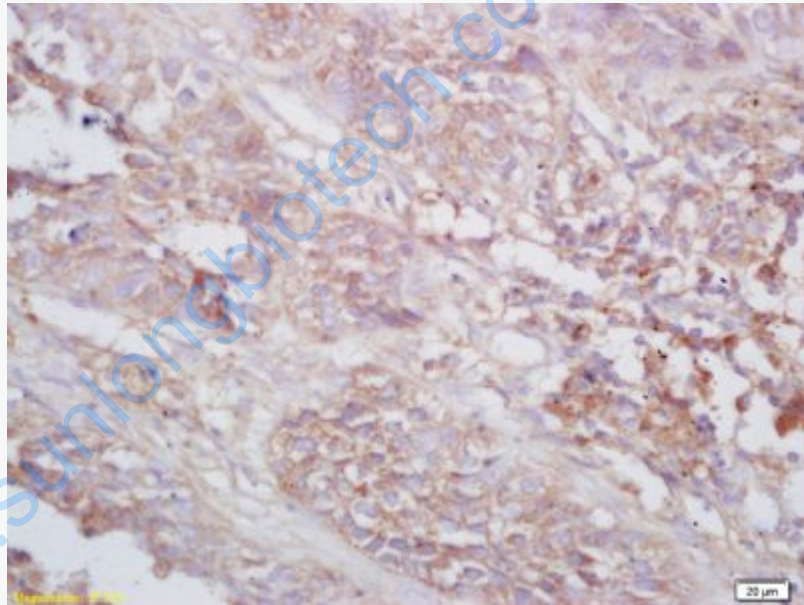
[Unigene: 46221](#)Mouse

[Unigene: 26691](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



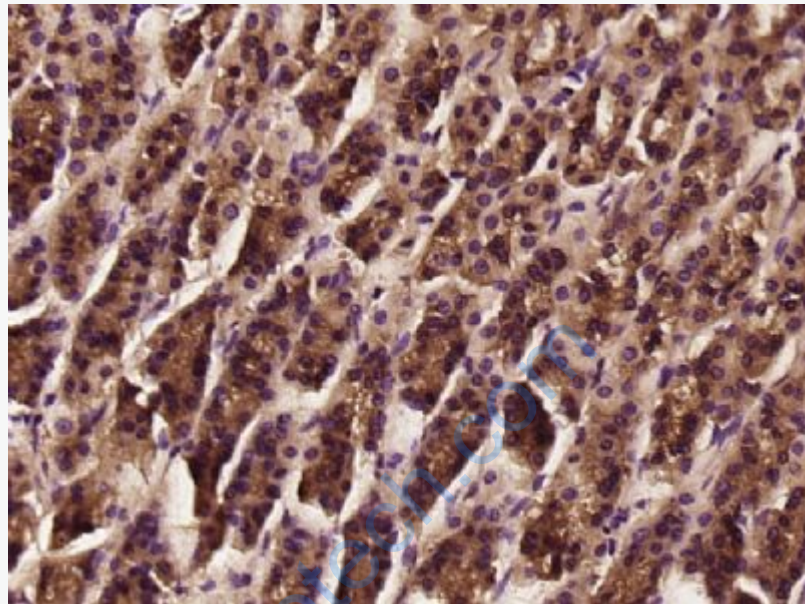
Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-TNMD/tenomodulin Polyclonal Antibody,

Unconjugated(SL7525R) 1:200, overnight at 4°C, followed by conjugation to the

secondary antibody(SP-0023) and DAB(C-0010) staining



Paraformaldehyde-fixed, paraffin embedded (rat stomach tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TNMD) Polyclonal Antibody, Unconjugated (SL7525R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.