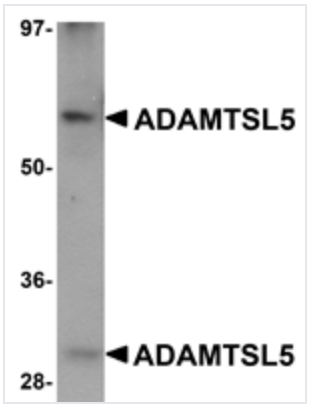
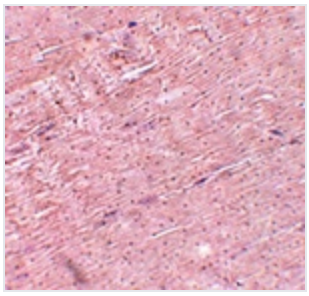
ADAMTSL5 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ADAMTSL5, Polyclonal Antibody
Full Product Name	ADAMTSL5 Antibody
Product Gene Name	anti-ADAMTSL5 antibody
Product Synonym Names	ADAMTS-like 5, thrombospondin type I domain containing 6, THSD6
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Purity/Purification	Affinity chromatography purified via peptide column
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Molecular Weight	53,171 Da
Immunogen Type	Peptide
Immunogen Description	Raised against a 17 amino acid peptide near the carboxy terminus of human ADAMTSL5.
Target Name	ADAMTSL5
Product Categories/Family for anti-ADAMTSL5 antibody	Total protein Ab
Applications Tested/Suitable for anti-ADAMTSL5 antibody	ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC)
Related Product Information for anti-ADAMTSL5 antibody	ADAMTSL5 belongs to a large superfamily containing 20 ADAMTS proteases and at least eight ADAMTS-like proteins. ADAMTS proteases are secreted enzymes with a conserved organization that includes a metalloprotease domain and an ancillary domain containing one or more thrombospondin type 1 repeats (TSR). The ADAMTS-like subfamily comprises proteins homologous to the ADAMTS ancillary domains but lacking the protease domain and hence lacking catalytic activity. The exact role of ADAMTSL5 is currently unknown, but other ADAMTS-like proteins appear to have regulatory roles in the extracellular matrix.
Other Notes	Small volumes of anti-ADAMTSL5 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for ADAMTSL5 purchase	MBS9413489 is an antibody targeting ADAMTSL5. Also known as ADAMTSL5 Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-ADAMTSL5 antibody
Western blot analysis of ADAMTSL5 in human skeletal muscle tissue lysate with ADAMTSL5 antibody at 1 ug/mL.



Immunohistochemistry (IHC) of anti-ADAMTSL5 antibody
Immunohistochemistry of ADAMTSL5 in mouse skeletal muscle tissue with ADAMTSL5 antibody at 5 ug/mL.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ADAMTSL5. It may not necessarily be applicable to this product.

NCBI GI #	226442878
NCBI GeneID	339366
NCBI Accession #	NP_998769
UniProt Secondary Accession #	Q8IW95; B4DXK7
UniProt Related Accession #	Q6ZMM2
GenBank Nucleotide #	NM_213604.2
NCBI Official Full Name	ADAMTS-like protein 5
NCBI Official Synonym Full Names	ADAMTS-like 5
NCBI Official Symbol	ADAMTSL5
NCBI Official Synonym Symbols	THSD6
UniProt Protein Name	ADAMTS-like protein 5
UniProt Synonym Protein Names	Thrombospondin type-1 domain-containing protein 6
Protein Family	ADAMTS-like protein
UniProt Gene Name	ADAMTSL5
UniProt Synonym Gene Names	THSD6; ADAMTSL-5
UniProt Entry Name	ATL5_HUMAN
NCBI Protein Information	ADAMTS-like protein 5
UniProt Comments for ADAMTSL5	ADAMTSL5: May play a role in modulation of fibrillin microfibrils in the extracellular matrix (ECM). Interacts with heparin, FBN1 and FBN2. 2 isoforms of the human protein are produced by alternative splicing Protein type: Secreted; Extracellular matrix; Protease; Secreted, signal peptide Chromosomal Location of Human Ortholog: 19p13.3 Cellular Component: proteinaceous extracellular matrix; extracellular region; microfibril Molecular Function: heparin binding; zinc ion binding; metalloendopeptidase activity Biological Process: proteolysis

Research Articles on ADAMTSL5	**1.** ADAMTSL5 could have a role in modulating microfibril functions.
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