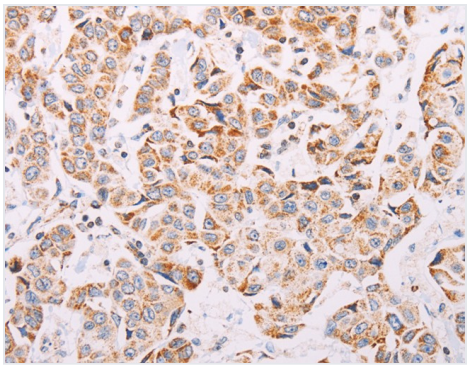
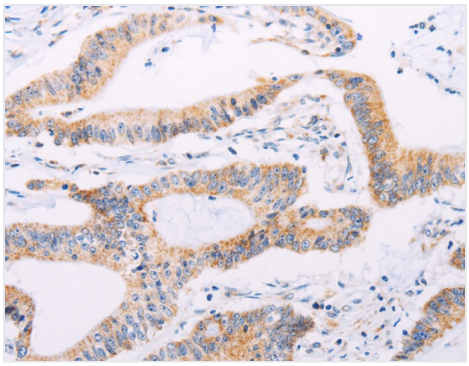
ADAMTS16 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ADAMTS16, Polyclonal Antibody
Full Product Name	ADAMTS16 Polyclonal Antibody
Product Gene Name	anti-ADAMTS16 antibody
Product Synonym Names	ADAMTS16s
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse.
Purity/Purification	Affinity purification
Concentration	0.4mg/mL (lot specific)
Preparation and Storage	Store at -20°C.Avoid freeze/thaw cycles.
OMIM	607510
Immunogen	Synthetic peptide of human ADAMTS16
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Product Categories/Family for anti-ADAMTS16 antibody	Cell Biology
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ADAMTS16 antibody	ELISA (EIA), Immunohistochemistry (IHC)
Application Notes for anti-ADAMTS16 antibody	IHC: 1:50-1:200
Related Product Information for anti-ADAMTS16 antibody	This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. ADAMTS family members share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. The protein encoded by this gene has high sequence similarity to the protein encoded by ADAMTS18, another family member.
Other Notes	Small volumes of anti-ADAMTS16 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 ADAMTS16 purchase	MBS2517356 is an antibody targeting ADAMTS16. Also known as ADAMTS16 Polyclonal Antibody. Reactive in Human, Mouse.. Host: Rabbit.



Immunohistochemistry (IHC) of anti-ADAMTS16 antibody
Immunohistochemistry of paraffin-embedded Human breast cancer tissue using ADAMTS16 Polyclonal Antibody at dilution 1:50



Immunohistochemistry (IHC) of anti-ADAMTS16 antibody
Immunohistochemistry of paraffin-embedded Human colon cancer tissue using ADAMTS16 Polyclonal Antibody at dilution 1:50

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ADAMTS16. It may not necessarily be applicable to this product.

NCBI GI #	110735441
NCBI GeneID	170690
NCBI Accession #	NP_620687.2
UniProt Secondary Accession #	Q8IVE2; C6G490
UniProt Related Accession #	Q8TE57
GenBank Nucleotide #	NM_139056.2
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 16 preproprotein
NCBI Official Synonym Full Names	ADAM metallopeptidase with thrombospondin type 1 motif, 16
NCBI Official Symbol	ADAMTS16
NCBI Official Synonym Symbols	ADAMTS16s
UniProt Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 16
Protein Family	A disintegrin and metalloproteinase with thrombospondin motifs
UniProt Gene Name	ADAMTS16
UniProt Synonym Gene Names	KIAA2029; ADAM-TS 16; ADAM-TS16; ADAMTS-16
UniProt Entry Name	ATS16_HUMAN
NCBI Protein Information	A disintegrin and metalloproteinase with thrombospondin motifs 16; ADAM-TS 16; ADAM-TS16; ADAMTS-16; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 16
UniProt Comments for ADAMTS16	ADAMTS16: 2 isoforms of the human protein are produced by alternative splicing. Protein type: Secreted; Protease; Motility/polarity/chemotaxis; EC 3.4.24.-; Secreted, signal peptide Chromosomal Location of Human Ortholog: 5p15 Cellular Component: proteinaceous extracellular matrix Molecular Function: zinc ion binding; metalloendopeptidase activity Biological Process: ureteric bud branching; proteolysis
Research Articles on ADAMTS16	**1.** Data show that the expression of ADAMTS4, 9, 16 and was up-regulated during chondrogenesis, ADAMTS1 and 5 were down-regulated.

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