

Product datasheet for **TA321799**

ADAMTS5 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-100 Positive control: Human liver cancer Predicted cell location: Secreted
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 529-541 amino acids of Human A disintegrin and metalloproteinase with thrombospondin motifs 5
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	ADAM metalloproteinase with thrombospondin type 1 motif 5
Database Link:	NP_008969 Entrez Gene 23794 Mouse Entrez Gene 11096 Human Q9UNA0

Background: This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. Members of the family 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 enzyme encoded by this gene contains two C-terminal TS motifs and functions as aggrecanase to cleave aggrecan; a major proteoglycan of cartilage.

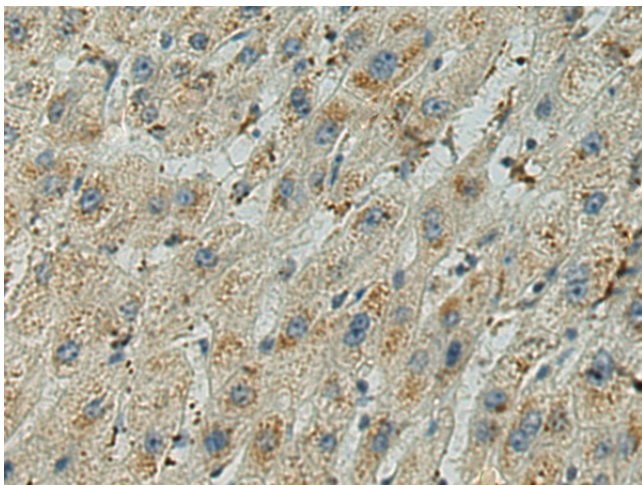


[View online »](#)

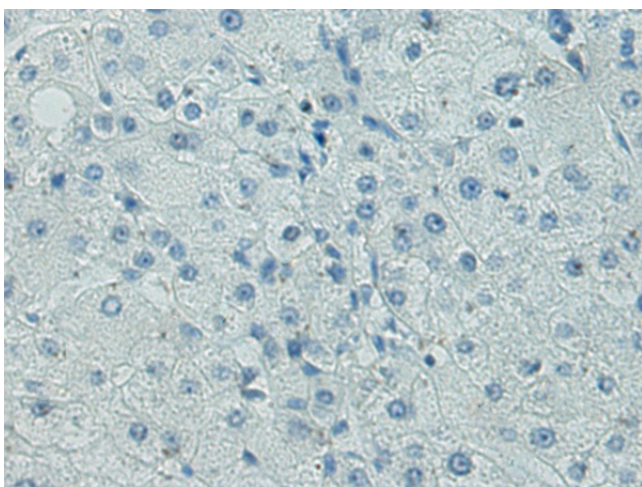
Synonyms: ADAM-TS 5; ADAM-TS5; ADAM-TS 11; ADAMTS-5; ADAMTS-11; ADAMTS11; ADMP-2

Protein Families: Druggable Genome, Protease, Secreted Protein

Product images:



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA321799 (ADAMTS5 Antibody) at dilution 1/40 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA321799 (ADAMTS5 Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification: $\times 200$)