

## Product datasheet for **TA366831S**

### ADAMTS2 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Mouse fetal brain tissue lysate IHC: 50-200 Positive control: Human liver cancer Predicted cell location: Secreted
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human ADAMTS2
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	135 kDa
Gene Name:	ADAM metalloproteinase with thrombospondin type 1 motif 2
Database Link:	<a href="#">Entrez Gene 9509 Human O95450</a>



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**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 encoded preproprotein is proteolytically processed to generate the mature procollagen N-proteinase. This proteinase excises the N-propeptide of the fibrillar procollagens types I-III and type V. Mutations in this gene cause Ehlers-Danlos syndrome type VIIC, a recessively inherited connective-tissue disorder. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed.

**Synonyms:**

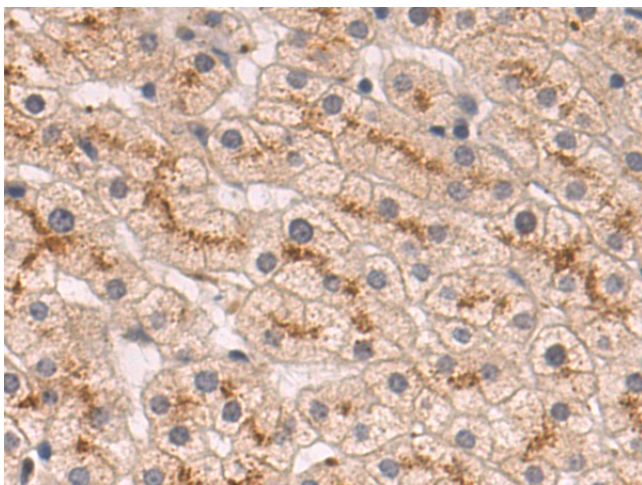
ADAM-TS2; ADAMTS-2; ADAMTS-3; hPCPNI; NPI; PCINP; PCPNI; pNPI

**Product images:**

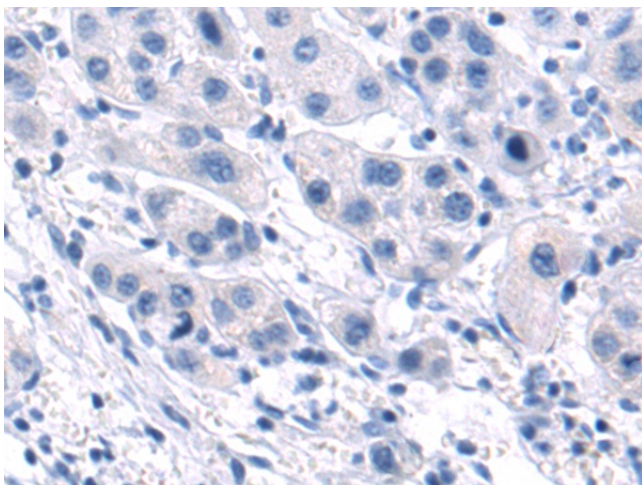
kDa  
250 —  
130 —  
95 —  
72 —  
55 —  
36 —



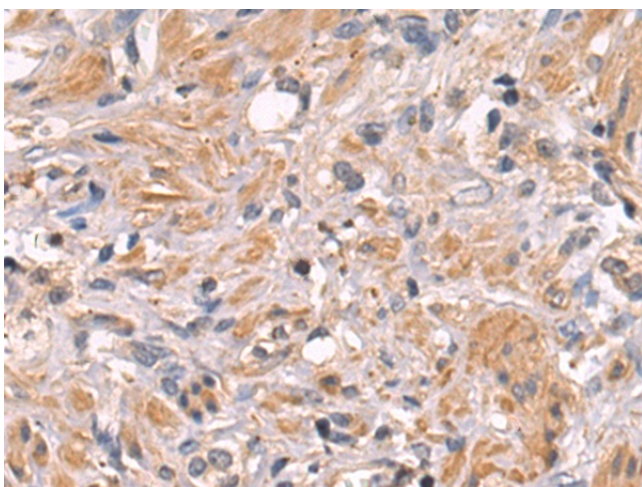
Gel: 6%SDS-PAGE  
Lysate: 40 µg  
Lane: Mouse fetal brain tissue lysate  
Primary antibody: [TA366831] (ADAMTS2 Antibody) at dilution 1/200  
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution  
Exposure time: 2 minutes



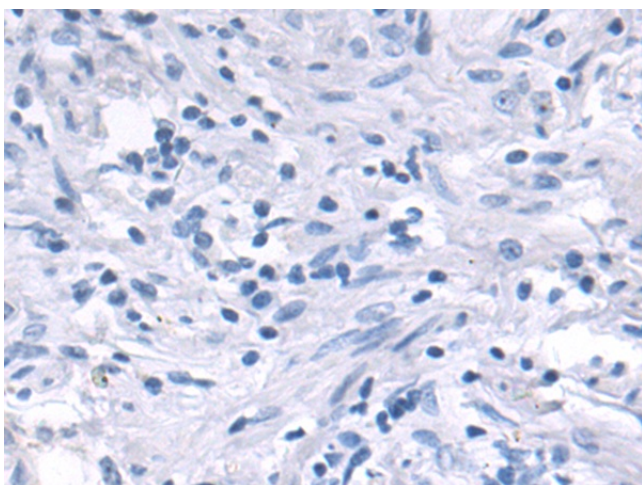
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA366831] (ADAMTS2 Antibody) at dilution 1/50 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA366831] (ADAMTS2 Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using [TA366831] (ADAMTS2 Antibody) at dilution 1/50 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using [TA366831] (ADAMTS2 Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: ×200)