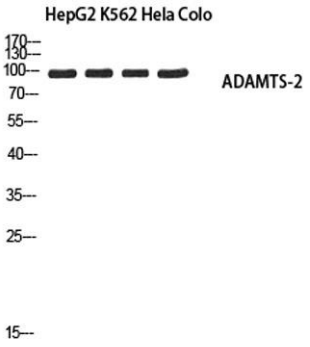
ADAMTS-2 rabbit pAb

Cat#: orb771230 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	ADAMTS-2 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	Synthesized peptide derived from ADAMTS-2 . at AA range: 1140-1220
Specificity	ADAMTS-2 Polyclonal Antibody detects endogenous levels of ADAMTS-2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 2
Gene Name	ADAMTS2
Cellular localization	Secreted, extracellular space, extracellular matrix .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

Concentration	1 mg/ml
Observed band	100kD
Human Gene ID	9509
Human Swiss-Prot Number	O95450
Alternative Names	ADAMTS2; PCINP; PCPNI; A disintegrin and metalloproteinase with thrombospondin motifs 2; ADAM-TS 2; ADAM-TS2; ADAMTS-2; Procollagen I N-proteinase; PC I-NP; Procollagen I/II amino propeptide-processing enzyme; Procollagen N-endopeptidase; pNPI
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



Western blot analysis of HepG2 K562 Hela Colo using ADAMTS-2 antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

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