

Anti-Human ADAMTS1 Polyclonal Antibody**Polyclonal Antibody****Cat.NO.: PA03033**

3th Edition

Description: This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motif) 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 protein encoded by this gene contains two disintegrin loops and three C-terminal TS motifs and has anti-angiogenic activity. The expression of this gene may be associated with various inflammatory processes as well as development of cancer cachexia. This gene is likely to be necessary for normal growth, fertility, and organ morphology and function. ADAMTS1 (ADAM Metalloproteinase With Thrombospondin Type 1 Motif 1) is a Protein Coding gene. Diseases associated with ADAMTS1 include Type 2A Von Willebrand Disease and Verrucous Keratotic Hemangioma. Among its related pathways are Degradation of the extracellular matrix and Adhesion. GO annotations related to this gene include heparin binding and metalloproteinase activity. An important paralog of this gene is ADAMTS15.

Antigen: Synthesized peptide derived from the Internal region of human ADAMTS-1

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: