

## Product Data Sheet

### Anti-ADAMTS1 Polyclonal Antibody

#### Species Reactivity

Human (Hu)

#### Applications Dilution

Western Blot (WB) 1:1,000

#### Details

**Catalog Number:** PA1-25178

**Size:** 25 µg

**Class:** Polyclonal

**Type:** Antibody

**Clone:**

**Host / Isotype:** Rabbit / IgG

**Immunogen:** Synthetic peptide corresponding to the propeptide domain of human ADAMTS1.

**Storage:** -20° C, Avoid Freeze/Thaw Cycles

**Form:** 25 µg of immunogen affinity purified antibody (1 mg/ml) in PBS, 50% glycerol with 0.05% sodium azide.

#### Product Specific Information

PA1-25178 detects ADAMTS1 from human samples.

PA1-25178 has been successfully used in Western blot procedures.

The PA1-25178 immunogen is a synthetic peptide corresponding to the propeptide domain of human ADAMTS1.

#### General Information

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.

#### References:

No references for this product.

#### This product is for In Vitro experimental use only

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