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ADAMTS7 Rabbit pAb

Catalog No.: A17093　　**2 Publications**

Basic Information

Observed MW
200kDa

Calculated MW
184kDa

Category
Primary antibody

Applications
WB,ELISA

Cross-Reactivity
Human

Background

The protein encoded by this gene is a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) family. Members of this 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 enzyme. This enzyme contains two C-terminal TS motifs and may regulate vascular smooth muscle cell (VSMC) migration. Mutations in this gene may be associated with susceptibility to coronary artery disease.

Recommended Dilutions

WB　　　　　　　　　1:500 - 1:2000

ELISA　　　　Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID　　　　　　　　　　**Swiss Prot**
11173　　　　　　　　　　　　Q9UKP4

Immunogen
A synthetic peptide corresponding to a sequence within amino acids 1600-1686 of human ADAMTS7 (NP_055087.2).

Synonyms
ADAM-TS7; ADAMTS-7; ADAM-TS 7; ADAMTS7

Contact

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Product Information

Source　　　　　　**Isotype**　　　　　　**Purification**
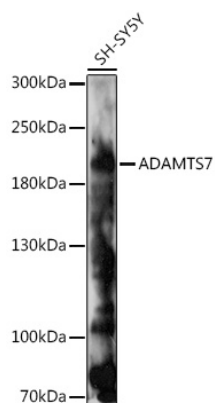Rabbit　　　　　　　　IgG　　　　　　　　　Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Validation Data

Western blot analysis of lysates from SH-SY5Y cells, using ADAMTS7 Rabbit pAb (A17093) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 5min.