

# ADAMTS7 Rabbit pAb

Catalog No.: A17093 **2 Publications**

## Basic Information

### Observed MW

200kDa

### Calculated MW

184kDa

### Category

Primary antibody

### Applications

ELISA, WB

### 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

## Immunogen Information

### Gene ID

11173

### Swiss Prot

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

Rabbit

### Isotype

IgG

### Purification

Affinity purification

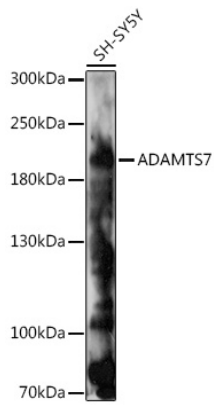
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of lysates from SH-SY5Y cells, using ADAMTS7 Rabbit pAb (A17093) at 1:1000 dilution.

Secondary antibody: HRP 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.