

Datasheet for ABIN7265441
anti-ADAMTS7 antibody (AA 1600-1686)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	ADAMTS7
Binding Specificity:	AA 1600-1686
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADAMTS7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	ADAMTS7 Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1600-1686 of human ADAMTS7 (NP_055087.2).
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	ADAMTS7
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Target Details

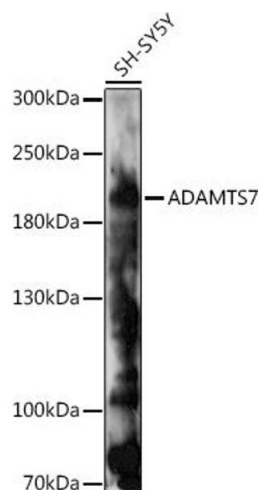
Alternative Name:	ADAMTS7 (ADAMTS7 Products)
Background:	<p>The protein encoded by this gene is a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) family. Members of this family share several distinct protein modules, including a propeptide region, a metalloproteinase 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.,ADAMTS7,ADAM-TS 7,ADAM-TS7,ADAMTS-7,Signal Transduction,Cell Biology & Developmental Biology,Cytoskeleton,Extracellular Matrix,ADAM Protein Family,Ubiquitin,ADAMTS7</p>
Gene ID:	11173
UniProt:	Q9UKP4

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of SH-SY5Y cells, using antibody (ABIN7265441) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 5 min.