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Datasheet for ABIN654061

## anti-ADAMTS10 antibody (N-Term)

### 1 Image

#### Overview

Quantity:	400 µL
Target:	ADAMTS10
Binding Specificity:	AA 210-240, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADAMTS10 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	This ADAMTS10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 210-240 amino acids from the N-terminal region of human ADAMTS10.
Clone:	RB17780
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Target Details

Target:	ADAMTS10
Alternative Name:	ADAMTS10 ( <a href="#">ADAMTS10 Products</a> )

## Target Details

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Background:	This gene belongs to the ADAMTS (a disintegrin and metalloproteinase domain with thrombospondin type-1 motifs) family of zinc-dependent proteases. ADAMTS proteases are complex secreted enzymes containing a prometalloprotease domain of the reprolysin type attached to an ancillary domain with a highly conserved structure that includes at least one thrombospondin type 1 repeat. They have been demonstrated to have important roles in connective tissue organization, coagulation, inflammation, arthritis, angiogenesis and cell migration. The product of this gene plays a major role in growth and in skin, lens, and heart development. It is also a candidate gene for autosomal recessive Weill-Marchesani syndrome.
Molecular Weight:	120874
Gene ID:	81794
NCBI Accession:	<a href="#">NP_001269281</a> , <a href="#">NP_112219</a>
UniProt:	<a href="#">Q9H324</a>

## Application Details

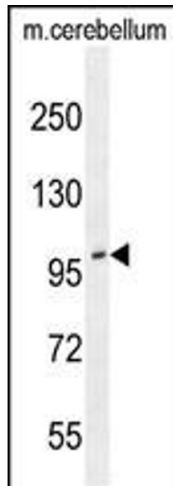
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Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



### Western Blotting

**Image 1.** ADTS10 Antibody (N-term) (ABIN654061 and ABIN2843959) western blot analysis in mouse cerebellum tissue lysates (35 µg/lane). This demonstrates the ADTS10 antibody detected the ADTS10 protein (arrow).