

Anti-ADAMTS1 Polyclonal Antibody 2

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Pig,Cow,Horse,Rabbit)
Molecular Weight:	Theoretical: 106 kDa. Actual: 120 kDa.
Purification:	Protein A purified

Applications

Sample:	Lane 1: Mouse Lymph node tissue lysates Lane 2: Mouse Lung tissue lysates
Verified Activity:	Primary: Anti-ADAMTS1 (TMAB-02297) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 106 kD Observed band size: 120 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human ADAMTS1
Antigen Species:	Human
Gene ID:	9510
Uniprot ID:	Q9UHI8

Research Background

ADAMTS1 is a metalloproteinase of the ADAM (A Disintegrin And Metalloproteinase) family containing disintegrin-like domains. ADAMTS1, also known as METH1, was first described as a protein elevated in invasive mouse tumors. Initial findings indicated a role for ADAMTS1 in tumor progression, since the protein was preferentially expressed in more invasive tumor cell lines. ADAMTS1 is necessary for normal growth, fertility, and organ morphology and function.

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