

bs-24814R**[Primary Antibody]****ADAMTS1 Rabbit pAb****Bioss**
ANTIBODIES

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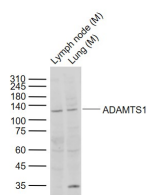
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DATASHEET

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Mouse (predicted: Human, Rat, Rabbit, Pig, Cow, Horse)
GeneID: 9510	SWISS: Q9UHI8	Predicted MW.: 106 kDa
Target: ADAMTS1		Subcellular Location: Secreted ,Extracellular matrix
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
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.		

VALIDATION IMAGES

Sample: Lane 1: Mouse Lymph node tissue lysates
Lane 2: Mouse Lung tissue lysates
Primary: Anti-ADAMTS1 (bs-24814R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 106 kD
Observed band size: 120 kD

SELECTED CITATIONS

- **[IF=4.432]** Hiroe Toba. et al. Secreted protein acidic and rich in cysteine (SPARC) and a disintegrin and metalloproteinase with thrombospondin type 1 motif (ADAMTS1) increments by the renin-angiotensin system induce renal fibrosis in deoxycorticosterone acetate-salt hypertensive rats. Eur J Pharmacol. 2022 Jan;914:174681 WB ;Rat. 34871556