

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

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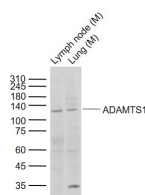
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**— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 9510 <b>Target:</b> ADAMTS1 <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <b>Storage:</b> 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. <b>Background:</b> 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.	<b>Isotype:</b> IgG <b>SWISS:</b> Q9UHI8	<b>Applications:</b> WB (1:500-2000) <b>Reactivity:</b> Mouse (predicted: Human, Rat, Rabbit, Pig, Cow, Horse) <b>Predicted MW.:</b> 106 kDa <b>Subcellular Location:</b> Secreted ,Extracellular matrix
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**— 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=4.9]** Hiroe Toba. et al. Secreted Protein Acidic and Rich in Cysteine (SPARC) Induced by the Renin–Angiotensin System Causes Endothelial Inflammation in the Early Stages of Hypertensive Vascular Injury. INT J MOL SCI. 2025 Jan;26(9):4414 WB ;Rat. 40362650
- **[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