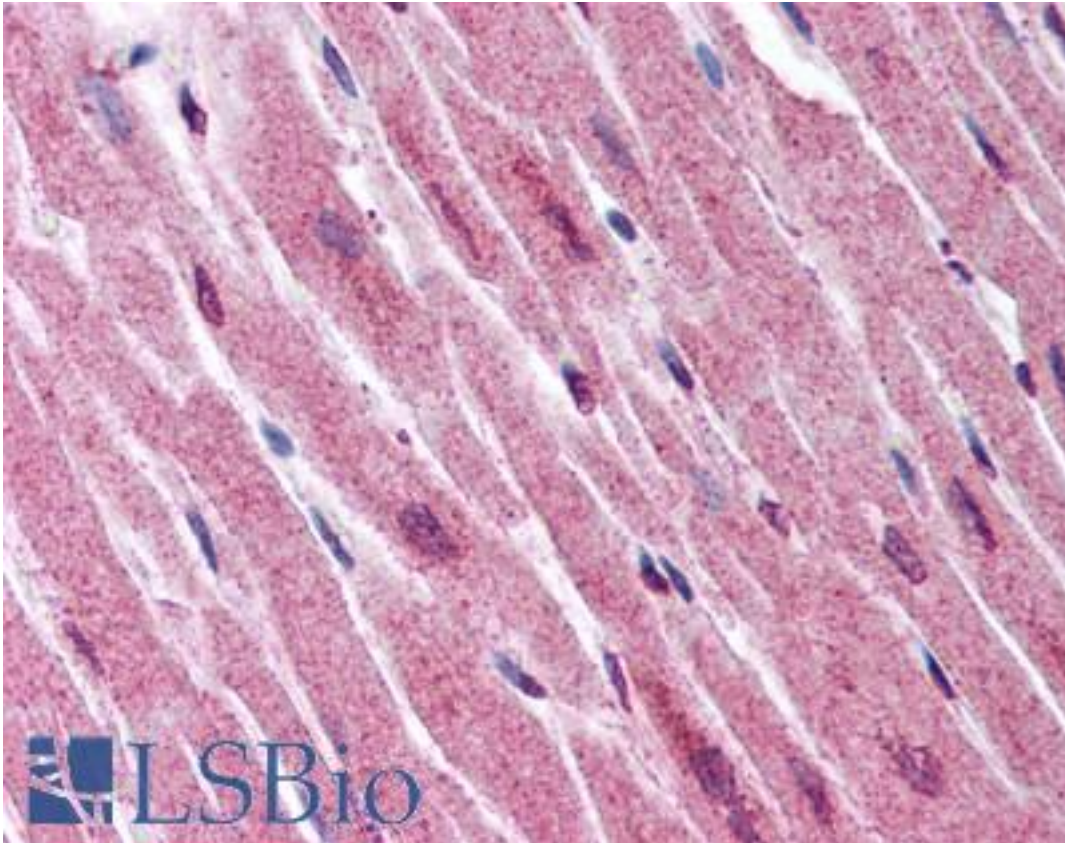


### ADAMTS4 Rabbit anti-Human Polyclonal (Internal) Antibody - LS-A1549 - LSBio

<b>CatalogID:</b>	LS-A1549
<b>Target:</b>	ADAM metallopeptidase with thrombospondin type 1 motif, 4 (ADAMTS4)
<b>Synonyms:</b>	ADAMTS4 Antibody, ADAMTS-2 Antibody, ADAMTS-4 Antibody, ADAM-TS 4 Antibody, ADAM-TS4 Antibody, ADMP-1 Antibody, Aggrecanase-1 Antibody, KIAA0688 Antibody
<b>Family / Subfamily:</b>	Protease / Metallopeptidase M12B
<b>Host</b>	ADAMTS4 antibody was produced in Rabbit
<b>Clonality:</b>	Polyclonal
<b>Immunogen Species:</b>	ADAMTS4 antibody was raised against Human
<b>Antigen Type:</b>	Synthetic peptide
<b>Immunogen:</b>	ADAMTS4 antibody was raised against synthetic 19 amino acid peptide from internal region of human ADAMTS4. Percent identity with other species by BLAST analysis: Human, Orangutan, Gibbon, Marmoset, Dog, Bat, Panda, Horse (100%); Elephant, Pig (95%); Mouse (89%); Bovine (84%).
<b>Specificity:</b>	Human ADAMTS4. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except ADAMTS8 (53%).
<b>Epitope:</b>	Internal
<b>Reactivity:</b>	Human, Orangutan, Gibbon, Monkey, Bat, Dog, Horse
<b>Predicted Reactivity:</b>	Pig
<b>Purification:</b>	Immunoaffinity purified
<b>Presentation:</b>	PBS, 0.1% sodium azide.
<b>Recommended Storage:</b>	Store at 4°C for short term applications. For long term storage, aliquot and store at -20°C.
<b>Usage Summary:</b>	Immunohistochemistry: LS-A1549 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-A1549 was determined to be 2.6 ug/ml.
<b>Uses:</b>	IHC - Paraffin (2.6 µg/ml) (Optimal dilution to be determined by the researcher)
<b>Size:</b>	50 µg
<b>Concentration:</b>	1 mg/ml

**Immunohistochemistry Image:**



Anti-ADAMTS4 antibody LS-A1549 IHC of human heart. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

**Requested From:**

Japan

Laboratory Reagent For In Vitro Research Use Only

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