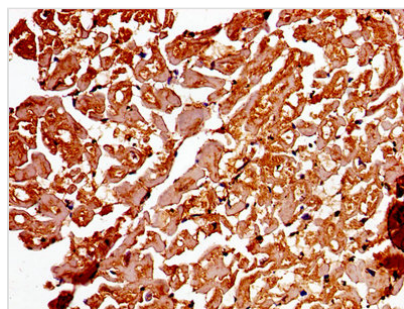




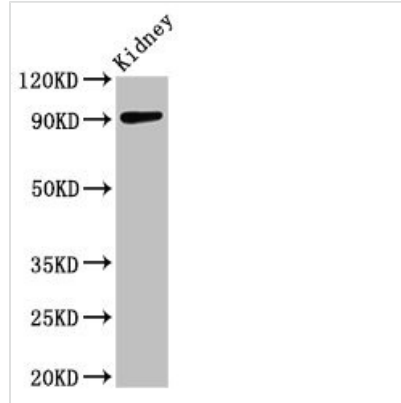
# ADAMTS4 Antibody

<b>Product Code</b>	CSB-PA001311LA01HU
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	O75173
<b>Immunogen</b>	Recombinant Human A disintegrin and metalloproteinase with thrombospondin motifs 4 protein (213-319AA)
<b>Raised In</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse
<b>Tested Applications</b>	ELISA, WB, IHC; Recommended dilution: WB:1:500-1:5000, IHC:1:50-1:500
<b>Relevance</b>	Cleaves aggrecan, a cartilage proteoglycan, and may be involved in its turnover. May play an important role in the destruction of aggrecan in arthritic diseases. Could also be a critical factor in the exacerbation of neurodegeneration in Alzheimer disease. Cleaves aggrecan at the '392-Glu- -Ala-393' site.
<b>Form</b>	Liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
<b>Purification Method</b>	>95%, Protein G purified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Alias</b>	A disintegrin and metalloproteinase with thrombospondin motifs 4 (ADAM-TS 4) (ADAM-TS4) (ADAMTS-4) (EC 3.4.24.82) (ADMP-1) (Aggrecanase-1), ADAMTS4, KIAA0688
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Research Area</b>	Signal Transduction
<b>Target Names</b>	ADAMTS4

## Image



Immunohistochemistry of paraffin-embedded human heart tissue using CSB-PA001311LA01HU at dilution of 1:100



**Western Blot**

Positive WB detected in: Mouse kidney tissue

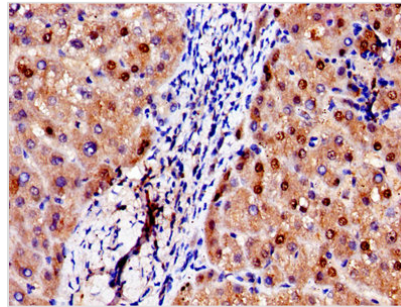
All lanes: ADAMTS4 antibody at 3.2µg/ml

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 91 kDa

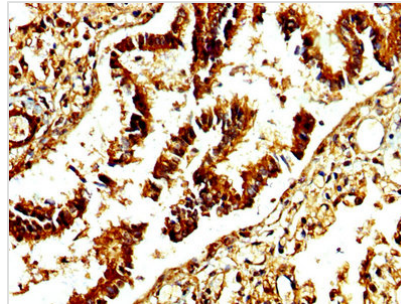
Observed band size: 91 kDa



Immunohistochemistry of paraffin-embedded

human liver tissue using CSB-

PA001311LA01HU at dilution of 1:100



IHC image of CSB-PA001311LA01HU diluted at

1:250 and staining in paraffin-embedded human lung tissue performed on a Leica Bond™

system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0).

Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight.

The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.