

ADAMTS5 Rabbit Polyclonal Antibody



CAB2836

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

73KDa

Calculated MW:

101kDa

Applications:

WB

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. Members of the family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. The encoded preproprotein is proteolytically processed to generate the mature enzyme. This enzyme contains two C-terminal TS motifs and functions as an aggrecanase that cleaves aggrecan, a major proteoglycan of cartilage, and may mediate cartilage destruction in osteoarthritis.

Immunogen information

Gene ID:

11096

Uniprot

Q9UNA0

Synonyms:

ADAMTS5; ADAM-TS 11; ADAM-TS 5; ADAM-TS5; ADAMTS-11; ADAMTS-5; ADAMTS11; ADMP-2; ADAM-TS11

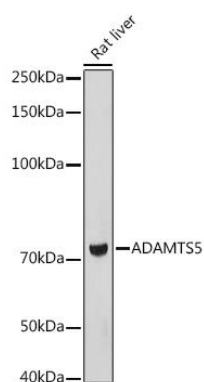
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 731-930 of human ADAMTS5 (NP_008969.2).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of Rat liver, using ADAMTS5 Rabbit pAb (CAB2836) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.