

ADAMTS5 polyclonal antibody

Catalog: BS74041

Host: Rabbit

Reactivity: Human, Mouse, Rat

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.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.4.

Molecular Weight:

~ 73 kDa

Swiss-Prot:

Q9UNA0

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

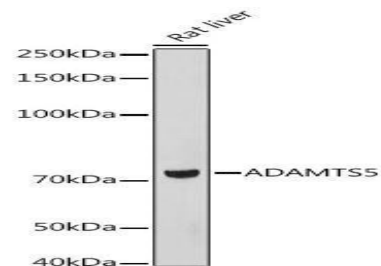
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

ADAMTS5 polyclonal antibody detects endogenous levels of ADAMTS5 protein.

DATA:



Western blot (WB) analysis of ADAMTS5 polyclonal antibody at 1:1000 dilution.

Lysates/proteins: 25ug per lane.

Note:

For research use only, not for use in diagnostic procedure.

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