
ADAMTS10 Rabbit pAb

Catalog Number: bs-6588R

Target Protein: ADAMTS10

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ELISA (1:5000-10000)

Reactivity: (predicted:Human, Mouse, Rat, Rabbit, Pig, Sheep, Cow, Dog)

Predicted MW: 95 kDa

Subcellular: Secreted ,Extracellular matrix

Locations:

Entrez Gene: 81794

Swiss Prot: Q9H324

Source: KLH conjugated synthetic peptide derived from human ADAMTS10: 851-950/1103.

Purification: affinity purified by Protein A

Storage: 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.

Background: ADAMTS10 is a member of the ADAMs family of proteinases with Thrombospondin motifs.

The catalytic site of ADAMTS10 is typical of the metalloproteinase catalytic domains, with an HEXXHxxxxH sequence, perhaps giving these enzymes some shared specificity. ADAMTS10 is closest in homology to ADAMTS6, sharing 53% overall identity. Functional mutations in ADAMTS10 have been linked to Weill Marchesani syndrome, a connective tissue disorder marked by fibrillin 1 misprocessing. ADAMTS10 has also been reported to be over expressed in breast cancer tissues and cell lines.