

ADAMTS10 Rabbit pAb

Catalog Number: bs-23478R

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)

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

Predicted MW: 95 kDa

Entrez Gene: 81794

Swiss Prot: Q9H324

Source: KLH conjugated synthetic peptide derived from human ADAMTS10 : 431-530/1103.

Purification: affinity purified by Protein A

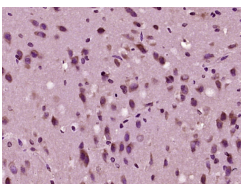
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

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 HEXxHxxxxxH 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.

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (rat brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ADAMTS10) Polyclonal Antibody, Unconjugated (bs-23478R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.