Product datasheet

Anti-ADAMTS13 Antibody

Catalog Number: *PB1081*

BOSTER
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Basic Information

Product Name	Anti-ADAMTS13 Antibody
Gene Name	ADAMTS13
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB, ELISA
Contents	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.
Immunogen	E. coli-derived human ADAMTS13 recombinant protein (Position: A299-R488). Human ADAMTS13 shares 85.2% amino acid (aa) sequence identity with mouse ADAMTS13.
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	154 kDa
Dilution Ratios	Western blot (WB): 1:500-2000 Enzyme linked immunosorbent assay (ELISA):1:100-1000

Storage

12 months from date of receipt，-20℃ as supplied.

Background Information

ADAMTS13 (a disintegrin and metalloproteinase with athrombospondin type 1 motif, member 13), also known as VWFCP, is a zinc-containing metalloprotease enzyme that cleaves von Willebrand factor (vWf), a large protein involved in blood clotting. It is secreted in blood and degrades large vWf multimers, decreasing their activity. This gene encodes a member of a family of proteins containing several distinct regions, including a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. This gene is mapped to 9q34.

Selected Validation Data

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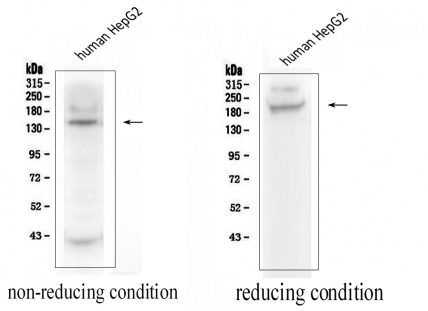

Western blot analysis of ADAMTS13 using anti-ADAMTS13 antibody (PB1081). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: human HepG2 whole cell lysates.
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-ADAMTS13 antigen affinity purified polyclonal antibody (PB1081) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for ADAMTS13 at approximately 154 kDa. The expected band size for ADAMTS13 is at 154 kDa.