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Datasheet for ABIN758891
anti-ADAMTS13 antibody (AA 401-500)

Overview

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| Quantity: | 100 µL |
| Target: | ADAMTS13 |
| Binding Specificity: | AA 401-500 |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ADAMTS13 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human ADAMTS13 |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse |
| Predicted Reactivity: | Rat,Dog,Cow,Pig,Horse |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | ADAMTS13 |
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Target Details

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| Alternative Name: | ADAMTS13 (ADAMTS13 Products) |
| Background: | <p>Synonyms: Cleaves the vWF multimers in plasma into smaller forms. Von Willebrand factor cleaving protease, A disintegrin and metalloproteinase with thrombospondin motifs 13, A disintegrin like and metalloprotease reprolysin type with thrombospondin type 1 motif 13, A disintegrin like and metalloprotease with thrombospondin type 1 motif 13, ADAM metallopeptidase with thrombospondin type 1 motif 13, ADAM TS 13, ADAM TS13, ADAM-TS 13, ADAM-TS13, ADAMTS 13, ADAMTS-13, ADAMTS13, ADAMTS13 protein, ATS13_HUMAN, C9orf8, TTP, von Willebrand factor-cleaving protease, vWF cleaving protease, vWF CP, vWF-cleaving protease, vWF-CP, vWFCP.</p> <p>Background: This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motif) 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 enzyme encoded by this gene is the von Willebrand Factor (vWF)-cleaving protease, which is responsible for cleaving at the site of Tyr842-Met843 of the vWF molecule. A deficiency of this enzyme is associated with thrombotic thrombocytopenic purpura. Alternative splicing of this gene generates multiple transcript variants encoding different isoforms. [provided by RefSeq, Nov 2008].</p> |
| Gene ID: | 11093 |
| UniProt: | Q76LX8 |

Application Details

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| Application Notes: | WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |
| Expiry Date: | 12 months |