



Rabbit polyclonal antibody to ADAMTS-4 (820-837): Affinity purified

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| Catalogue No.: | R-1600-100 |
| Description: | ADAMTS-4 is a glutamyl endopeptidase that cleaves aggrecan and brevicin. The degradation of aggrecan, a cartilage proteoglycan, has been linked to rheumatoid arthritis, osteoarthritis, retinal diseases, Alzheimers disease and other neurodegenerative diseases. |
| Batch No.: | See product label |
| Unit size: | 100 ug |
| Antigen: | A synthetic peptide corresponding to a region (820-837 aa) from the C-terminus of human ADAMTS-4. |
| Other Names: | A disintegrin and metalloproteinase with thrombospondin motifs 4; ADAMTS-4; ADAM-TS 4; ADAM-TS4; EC 3.4.24.82; Aggrecanase-1; Adamts4; ADAMTS4; |
| Accession: | O75173 ATS4_HUMAN; |
| Produced in: | Rabbit |
| Purity: | Affinity purified on antigen column |
| Applications: | Western Blotting (WB). A concentration of 0.1-0.5 ug/mL is recommended for WB. Biosensis recommends optimal dilutions/concentrations should be determined by the end user. |
| Specificity: | The specificity of this antibody has been confirmed by WB against the antigen. |
| Cross-reactivity: | Human; Rat; Mouse; |
| Form: | Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg Na ₃ |
| Reconstitution: | Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material. |
| Storage: | At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability and at 2-8C with an appropriate antibacterial agent. Avoid freeze-thaw cycles |
| Expiry Date: | 12 months after purchase |

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