

Product datasheet for **TA321798**

ADAMTS5 Rabbit Polyclonal Antibody

Product data:

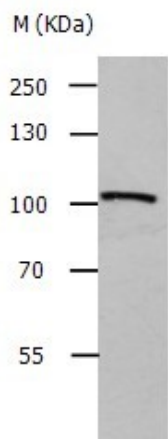
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|-------------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | IHC, WB |
| Recommended Dilution: | ELISA: 1:1000-5000, WB: 1:500-2000, IHC: 1:10-50 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Synthetic peptide corresponding to a region derived from 529-541 amino acids of Human A disintegrin and metalloproteinase with thrombospondin motifs 5 |
| Formulation: | PBS pH7.3, 0.05% NaN ₃ , 50% glycerol |
| Concentration: | lot specific |
| Purification: | Antigen affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 102 kDa |
| Gene Name: | ADAM metalloproteinase with thrombospondin type 1 motif 5 |
| Database Link: | NP_008969 Entrez Gene 23794 Mouse Entrez Gene 304135 Rat Entrez Gene 11096 Human Q9UNAO |
| Background: | This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) 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 contains two C-terminal TS motifs and functions as aggrecanase to cleave aggrecan; a major proteoglycan of cartilage. |
| Synonyms: | ADAM-TS 5; ADAM-TS5; ADAM-TS 11; ADAMTS-5; ADAMTS-11; ADAMTS11; ADMP-2 |



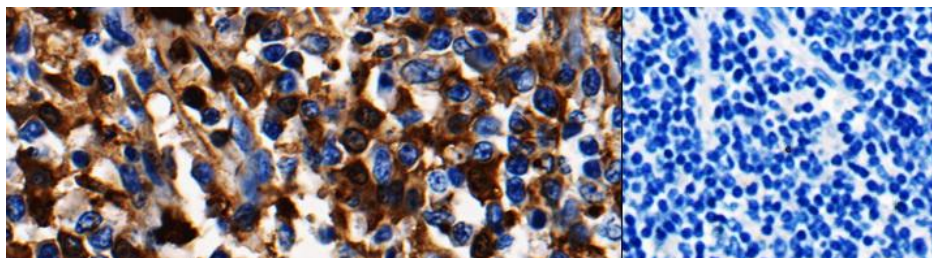
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Protein Families: Druggable Genome, Protease, Secreted Protein

Product images:



Predicted band size: 102kDa. Positive control: Human fetal brain tissue lysate. Recommended dilution: 1/500-2000. (Gel: 8%SDS-PAGE Lysate: 40 ug Primary antibody: 1/650 dilution Secondary antibody: Donkey anti Rabbit IgG - H&L (HRP) at 1/3000 dilution Exposure time: 3 seconds)



Predicted cell location: Cytoplasm, Cell membrane. Positive control: Human tonsil tissue. Recommended dilution: 1/10-50 The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using ADAMTS5 antibody at dilution 1/10, on the right is treated with the synthetic peptide. (Original magnification: x200)