
ADAM-TS7 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250456

Unit: 0.1 mg

Description:

A disintegrin and metalloproteinase with thrombospondin motifs 7 (ADAM-TS7) is a metalloprotease that degrades COMP. ADAM-TS7 is up-regulated in articular cartilage and synovium from arthritis patients. The spacer domain and the thrombospondin type-1 domain are important for a tight interaction with the extracellular matrix. The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc ion, thus inhibiting the enzyme. The dissociation of the cysteine from the zinc ion upon the activation-peptide release activates the enzyme.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: A disintegrin and metalloproteinase with thrombospondin motifs 7; ADAMTS-7; ADAM-TS 7; ADAM-TS7; COMPase; ADAMTS7

Accession No.: Q9UKP4

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human ADAM-TS7.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.