

MMP-3 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250753

Unit: 0.1 mg

Description:

Matrix metalloproteinase protein family (MMP) is involved in the breakdown of extracellular matrix in normal physiological processes such as embryonic development, reproduction, and tissue remodeling, as well as in diseases such as arthritis and metastasis. Most MMPs are secreted as inactive precursors which are activated upon cleavage by extracellular proteinases. MMP-3 is an enzyme that degrades fibronectin, laminin, collagens III, IV, IX and X, and cartilage proteoglycans.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, Rb, R

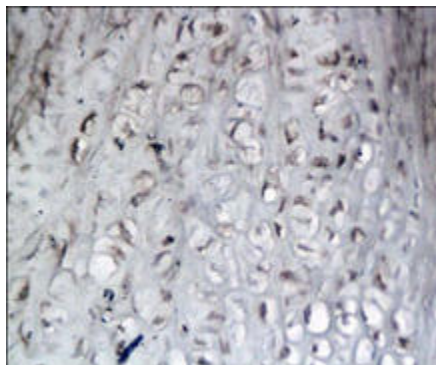
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 0.1 mg/ml BSA, 25% glycerol with 0.09% sodium azide. Antibody was purified by Protein-A and immunogen affinity chromatography.

Alternate Names: Stromelysin-1; SL-1; Matrix metalloproteinase-3; MMP-3; Transin-1; MMP3; STMY1

Accession No.: P08254

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human MMP-3.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500



MMP-3 staining in rat lumbar disc. Paraffin-embedded rat degenerative lumbar discs are stained with MMP-3 Antibody (Cat. No. 250753) used at 1:200 dilution.

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.