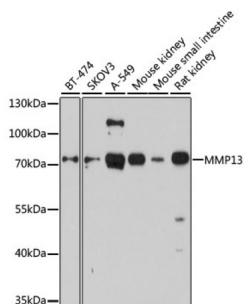


Collagenase 3 (MMP13) Antibody

Catalogue No.: abx001350



Western blot analysis of extracts of various cell lines using MMP13 Antibody (1/1000 dilution).

MMP13 Antibody is a Rabbit Polyclonal antibody against MMP13. Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. The protein encoded by this gene cleaves type II collagen more efficiently than types I and III. It may be involved in articular cartilage turnover and cartilage pathophysiology associated with osteoarthritis. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. [provided by RefSeq, Jul 2008].

Target: Collagenase 3 (MMP13)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: WB

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein corresponding to human MMP13

Isotype: IgG

Form: Liquid

Purification: Purified by affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P45452 ([UniProt](#), [ExPASy](#))

Datasheet

Version: 4.0.0

Revision date: 21 Oct 2025



Gene Symbol: MMP13

GeneID: [4322](#)

NCBI Accession: NP_002418.1

KEGG: hsa:4322

String: [9606.ENSP00000260302](#)

Molecular Weight: Calculated MW: 53 kDa
Observed MW: 72 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only