



Anti-MMP3 polyclonal antibody (CABT-B8891)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Recognizes the hinge region of matrix metalloproteinase 3 (MMP-3). React with other MMP family members.
Immunogen	Synthetic peptide corresponding to the hinge region of human MMP-3.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Purified IgG
Conjugate	Unconjugated
Applications	ELISA, IHC, IP, WB
Format	Liquid
Preservative	None
Storage	Store at +4 °C or at -20 °C if preferred. Avoid repeated freezing and thawing.

BACKGROUND

Introduction	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. This gene encodes an enzyme which degrades fibronectin, laminin, collagens III, IV, IX, and X, and cartilage proteoglycans. The enzyme is thought to be
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involved in wound repair, progression of atherosclerosis, and tumor initiation. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3.

GENE INFORMATION

Entrez Gene ID [4314](#)

UniProt ID [P08254](#)
