

Anti-MMP8 Antibody

Catalog # AP51356

Product Information

Application	WB, IHC
Primary Accession	P22894
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53412

Additional Information

Gene ID	4317
Other Names	CLG1; Neutrophil collagenase; Matrix metalloproteinase-8; MMP-8; PMNL collagenase; PMNL-CL
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human MMP8. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

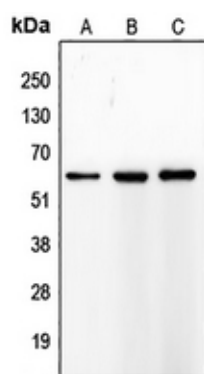
Name	MMP8
Synonyms	CLG1
Function	Can degrade fibrillar type I, II, and III collagens.
Cellular Location	Cytoplasmic granule. Secreted, extracellular space, extracellular matrix. Note=Stored in intracellular granules
Tissue Location	Neutrophils.

References

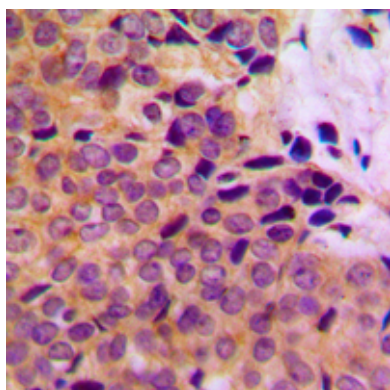
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Mallya S.K.,et al.Biochemistry 29:10628-10634(1990).
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Images



Western blot analysis of MMP8 expression in SJRH30 (A), PMNL (B), Sw620 (C) whole cell lysates. (Predicted band size: 53 kD; Observed band size: 60 kD)



Immunohistochemical analysis of MMP8 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Citations

- [Nkx2-5 Is Expressed in Atherosclerotic Plaques and Attenuates Development of Atherosclerosis in Apolipoprotein E-Deficient Mice.](#)

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