



# Rabbit Anti-Human MMP2 Polyclonal Antibody (CABT-Z673R)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	A portion of amino acids 550-600 of human MMP2
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Canine, Equine, Feline, Primate, Mouse, Rat, Porcine, Sheep
<b>Purification</b>	Protein G purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB Recommended concentration: WB: 3 - 5 µg/mL
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100 µg
<b>Buffer</b>	PBS, 0.05% BSA
<b>Preservative</b>	0.05% Sodium Azide
<b>Storage</b>	Store at 4°C for short term; -20°C for long term. Avoid freeze / thaw cycle.
<b>Ship</b>	Wet ice

## BACKGROUND

## Introduction

Matrix metalloproteinase 2 (also known as MMP2, gelatinase A, 72 kDa gelatinase, and 72 kDa type IV collagenase) belongs to a family of mammalian extracellular neutral metalloproteinases that are able to degrade a number of matrix proteins. MMP-2 degrades type IV collagen, the structural component of basement membranes, in a specific manner, and it also has gelatinase activity. The protein also plays a role in endometrial menstrual breakdown, regulation of vascularization and the inflammatory response. The pathological role of the protein has been observed in multicentric osteolysis nodulosis and arthropathy and Winchester syndrome.

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## Keywords

CLG4;MONA;CLG4A;TBE-1;MMP-II

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# GENE INFORMATION

## Gene Name

MMP2

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## Entrez Gene ID

[4313](#)

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## UniProt ID

[E9PE45](#)

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