



# Rabbit Anti-Human MMP2 polyclonal antibody (CABT-L1799)

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

## PRODUCT INFORMATION

<b>Specificity</b>	This antibody may react with (Predicted by homology) : Bovine, Chicken, Dog, Mouse, Rabbit, Rat
<b>Target</b>	MMP2
<b>Immunogen</b>	Synthetic peptide derived from near N-terminus of human MMP-2 protein.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunoaffinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P
<b>Molecular Weight</b>	72 kDa (Pro) and ~66 kDa (Active)
<b>Cellular Localization</b>	Cytoplasm
<b>Positive Control</b>	Bladder, Breast, Ovarian Carcinoma, Placenta
<b>Format</b>	Liquid
<b>Buffer</b>	PBS, 1% BSA, pH 7.6
<b>Preservative</b>	< 0.1% Sodium Azide

<b>Storage</b>	2-8°C. Do not freeze. The user must validate any other storage conditions. When properly stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.
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## BACKGROUND

<b>Introduction</b>	MMPs are proteolytic enzymes capable of degrading connective tissue components. They have a common mode of activation, a conserved amino acid sequence in the putative metal binding-active site region, and are inhibited by specific tissue inhibitors of metalloproteinases (TIMPs) . MMPa and TIMPs play a significant role in regulating angiogenesis. MMP-2 is synthesized as a 631 amino acid proenzyme which is activated by cleavage of the first 80 amino acids. This antibody reacts with both latent and active MMP-2.
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<b>Keywords</b>	MMP2;matrix metalloproteinase 2 (gelatinase A, 72kDa gelatinase, 72kDa type IV collagenase) ;CLG4;MONA;CLG4A;MMP-2;TBE-1;MMP-II;72 kDa type IV collagenase;collagenase type IV-A;neutrophil gelatinase;matrix metalloproteinase-2;matrix metalloproteinase-II
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## GENE INFORMATION

<b>Entrez Gene ID</b>	<a href="#">4313</a>
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<b>UniProt ID</b>	<a href="#">P08253</a>
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