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# MMP-2 Antibody

货号: **AYP4961**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB ELISA
推荐浓度	<b>WB:</b> 1:500 - 1:2000
理论分子量	65kDa/68kDa/73kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	C2C12,293T
细胞定位	Cytoplasm,Membrane,Mitochondrion,Nucleus,Secreted,extracellular matrix,extracellular space
纯化	Affinity purification

## 抗原信息

抗原信息	Synthesized peptide derived from Human MMP-2.
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## 靶点信息

研究背景	This gene is a member of the matrix metalloproteinase (MMP) gene family, that are zinc-dependent enzymes capable of cleaving components of the extracellular matrix and molecules involved in signal transduction. The protein encoded by this gene is a gelatinase A, type IV collagenase, that contains three fibronectin type II repeats in its catalytic site that allow binding of denatured type IV and V collagen and elastin. Unlike most MMP family members, activation of this protein can occur on the cell membrane. This enzyme can be activated extracellularly by proteases, or, intracellularly by its S-glutathiolation with no requirement for proteolytical removal of the pro-domain. This protein is thought to be involved in multiple pathways including roles in the nervous system, endometrial menstrual breakdown, regulation of vascularization, and metastasis. Mutations in this gene have been associated with Winchester syndrome and Nodulosis-Arthropathy-Osteolysis (NAO) syndrome. Alternative splicing results in multiple transcript variants encoding different isoforms.
基因ID	4313
基因名	MMP2
Swiss	P08253 ( <a href="https://www.uniprot.org/uniprotkb/P08253/entry">https://www.uniprot.org/uniprotkb/P08253/entry</a> )
别名	CLG4,CLG4A,MMP-2,MMP-II,MONA,TBE-1,MMP2,MMP-2 Antibody,72 kDa gelatinase,Gelatinase A,Matrix metalloproteinase-2

## 产品验证

## 实验步骤

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