

## Anti-MMP7 antibody

<b>Cat. No.</b>	ml120096
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-MMP7 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Fusion protein of human MMP7
<b>Reactivity</b>	Human
<b>Content</b>	0.3 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	MMP7
<b>Full name</b>	matrix metalloproteinase 7 (matrilysin, uterine)
<b>Synonyms</b>	MMP-7, MPSL1, PUMP-1
<b>Swissprot</b>	P09237

### Target Background

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. The enzyme encoded by this gene degrades proteoglycans, fibronectin, elastin and casein and differs from most MMP family members in that it lacks a conserved C-terminal protein domain. The enzyme is involved in wound healing, and studies in mice suggest that it regulates the activity of defensins in intestinal mucosa. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3.

订购热线: 4008-898-798

#### Applications

##### Western blotting

Predicted band size: 30 kDa

Positive control: 231 cells

Recommended dilution: 500-2000

Gel: 12% SDS-PAGE

Lysate: 30 µg

Lane: 231 cells

Primary antibody: ml120096 (MMP7 Antibody) at dilution 1/600

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 2 minutes



##### ELISA

Recommended dilution: 2000-5000

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