

## Anti-MMP25 antibody

<b>Cat. No.</b>	ml160626
<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-MMP25 rabbit polyclonal antibody
<b>Applications</b>	ELISA, IHC
<b>Immunogen</b>	Synthetic peptide of human MMP25
<b>Reactivity</b>	Human
<b>Content</b>	0.5 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>	MMP25
<b>Full name</b>	matrix metalloproteinase 25
<b>Synonyms</b>	MMP20, MMPL1, MMP-25, MMP20A, MT6MMP, MTMMP6, MT-MMP6, MT6-MMP, MT-MMP 6
<b>Swissprot</b>	Q9NPA2

### 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 MMPs are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. However, the protein encoded by this gene is a member of the membrane-type MMP (MT-MMP) subfamily, attached to the plasma membrane via a glycosylphosphatidyl inositol anchor. In response to bacterial infection or inflammation, the encoded protein is thought to inactivate alpha-1 proteinase inhibitor, a major tissue protectant against proteolytic enzymes released by activated neutrophils, facilitating the transendothelial migration of neutrophils to inflammatory sites. The encoded protein may also play a role in tumor invasion and metastasis through activation of MMP2. The gene has previously been referred to as MMP20 but has been renamed MMP25.

订购热线: 4008-898-798

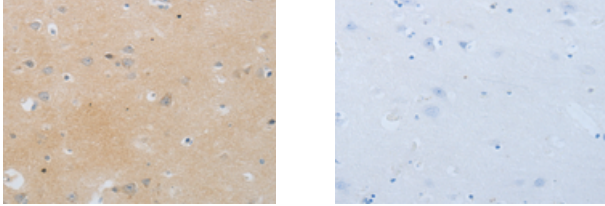
#### Applications

##### Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human brain

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml160626(MMP25 Antibody) at dilution 1/80, on the right is treated with synthetic peptide. (Original magnification: ×200)

#### ELISA

Recommended dilution: 2000-5000

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