

## MMP12 Polyclonal Antibody

**catalog number: E-AB-14217**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

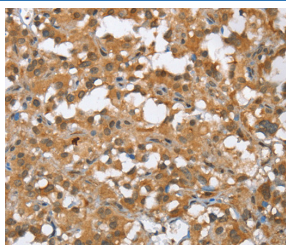
### Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant protein of human MMP12
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

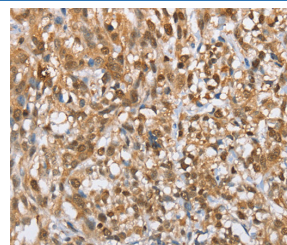
### Applications Recommended Dilution

<b>IHC</b>	1:50-1:200
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### Data



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using MMP12 Polyclonal Antibody at dilution of 1:60



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using MMP12 Polyclonal Antibody at dilution of 1:60

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### 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. It is thought that the protein encoded by this gene is cleaved at both ends to yield the active enzyme, but this processing has not been fully described. The enzyme degrades soluble and insoluble elastin.

### For Research Use Only