

# Anti-MMP12 Antibody

Rabbit polyclonal antibody to MMP12

Catalog # AP59624

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P39900</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	54002

## Additional Information

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<b>Gene ID</b>	4321
<b>Other Names</b>	HME; Macrophage metalloelastase; MME; Macrophage elastase; ME; hME; Matrix metalloproteinase-12; MMP-12
<b>Target/Specificity</b>	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MMP12. The exact sequence is proprietary.
<b>Dilution</b>	WB~~WB (1/500 - 1/1000)
<b>Format</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
<b>Storage</b>	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

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<b>Name</b>	MMP12
<b>Synonyms</b>	HME
<b>Function</b>	May be involved in tissue injury and remodeling. Has significant elastolytic activity. Can accept large and small amino acids at the P1' site, but has a preference for leucine. Aromatic or hydrophobic residues are preferred at the P1 site, with small hydrophobic residues (preferably alanine) occupying P3.
<b>Cellular Location</b>	Secreted, extracellular space, extracellular matrix
<b>Tissue Location</b>	Found in alveolar macrophages but not in peripheral blood monocytes

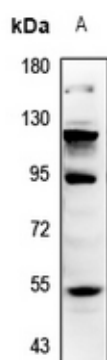
## Background

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KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MMP12. The exact sequence is proprietary.

## Images

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Western blot analysis of MMP12 expression in HEK293T (A) whole cell lysates.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.