

Rabbit MMP12 Polyclonal Antibody | anti-MMP12 antibody

MMP12 Polyclonal Antibody

CATALOG # AAA167586	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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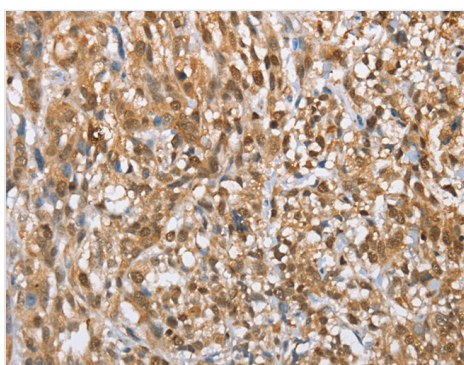
PRODUCT SYNONYMS

MMP12; Polyclonal Antibody; MMP12 Polyclonal Antibody; ME; HME; MME; MMP-12; anti-MMP12 antibody

PRODUCT SPECIFICATIONS

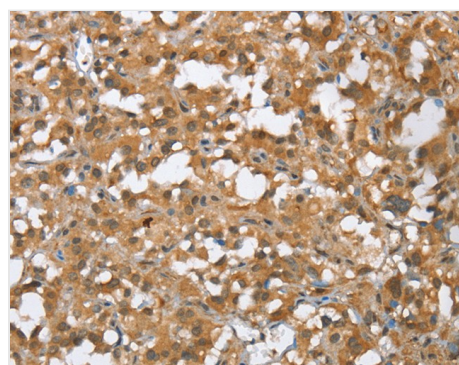
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.5mg/mL (varies by lot)
Sequence Length	470
Applicable Applications for anti-MMP12 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant protein of human MMP12
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

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

ADDITIONAL INFORMATION

Related Product Information for anti-MMP12 antibody	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.
Product Categories/Family for anti-MMP12 antibody	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	73858572
NCBI GeneID	4321
NCBI Accession #	NP_002417.2
NCBI GenBank Nucleotide #	NM_002426.4
Molecular Weight	54,002 Da
NCBI Official Full Name	macrophage metalloelastase preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 12 (macrophage elastase)
NCBI Official Symbol	MMP12
NCBI Official Synonym Symbols	ME; HME; MME; MMP-12
NCBI Protein Information	macrophage metalloelastase; matrix metalloproteinase 12 (macrophage elastase)
UniProt Protein Name	Macrophage metalloelastase
UniProt Gene Name	MMP12
UniProt Synonym Gene Names	HME; MME; ME; hME; MMP-12
UniProt Entry Name	MMP12_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/mmp12-antibody-immunohistochemistry-elisa/167586>