

Rabbit anti-Human MMP12 Polyclonal Antibody | anti-MMP12 antibody

Anti-MMP12 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45404	Rabbit	Human	Western Blot

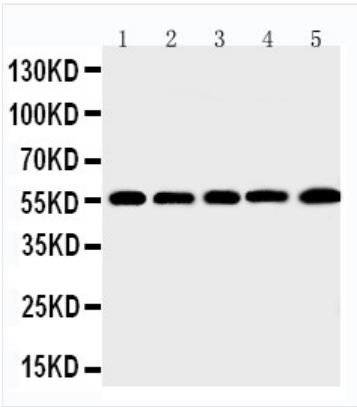
PRODUCT SYNONYMS

MMP12; Polyclonal Antibody; Anti-MMP12 antibody; Macrophage metalloelastase; matrix metalloproteinase 12(macrophage elastase); EC 3.4.24.65 antibody; HME antibody; Macrophage elastase antibody; Macrophage metalloelastase antibody; Macrophage metalloelastase antibody; Matrix metalloproteinase 12(macrophage elastase) antibody; Matrix metalloproteinase 12 antibody; Matrix metalloproteinase-12 antibody; ME antibody; MGC138506 antibody; MME antibody; MMP 12 antibody; MMP-12 antibody; Mmp12 antibody; MMP12_HUMAN antibody; anti-MMP12 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	470
Applicable Applications for anti-MMP12 antibody	WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human MMP12 (428-444aa KIDAVFYSKNKYYYFFQ).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)
Anti-MMP12 antibody, AAA45404, Western blottingLane 1: SMMC Cell LysateLane 2: HEPA Cell LysateLane 3: HELA Cell LysateLane 4: K562 Cell LysateLane 5: MCF-7 Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-MMP12 antibody	Description: Rabbit IgG polyclonal antibody for Macrophage metalloelastase(MMP12) detection. Tested with WB in Human. Background: Matrix metalloproteinase-12(MMP12), also known as MME or ME, is an enzyme that in humans is encoded by the MMP12 gene. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.2. It is though 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. It may play a role in aneurysm formation and studies in mice suggest a role in the development of emphysema. This gene may involved in tissue injury and remodeling.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	729179
NCBI GeneID	4321
UniProt Accession #	P39900; Q2M1L9; B2R9X8; B7ZLF6
NCBI Official Full Name	Macrophage metalloelastase
NCBI Official Synonym Full Names	matrix metallopeptidase 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.