

anti-Human MMP12 Antibody | anti-MMP12 antibody

MMP12 (Cleaved-Glu106) Antibody

CATALOG # AAA109478	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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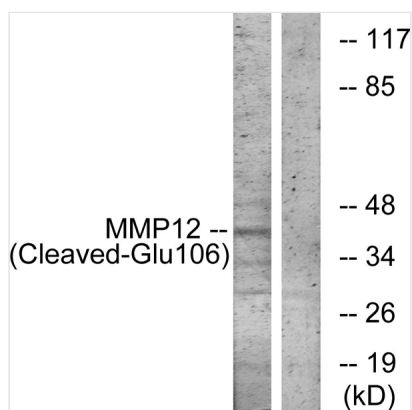
PRODUCT SYNONYMS

MMP12; MMP12 (Cleaved-Glu106) Antibody; Macrophage metalloelastase [Precursor]; EC 3.4.24.65; HME; Matrix metalloproteinase-12; MMP-12; Macrophage elastase; ME; anti-MMP12 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	MMP12 (Cleaved-Glu106) antibody detects endogenous levels of fragment of activated MMP12 resulting from cleavage adjacent to Glu106.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	470
Applicable Applications for anti-MMP12 antibody	ELISA, WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from human MMP12.
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES


WB (Western Blot)

Western blot analysis of extracts from NIH-3T3 cells, treated with etoposide (25uM, 1hour), using MMP12 (Cleaved-Glu106) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-MMP12 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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References	Shapiro S.D., J. Biol. Chem. 268:23824-23829(1993). Gronski T.J. Jr., J. Biol. Chem. 272:12189-12194(1997). Lang R., J. Mol. Biol. 312:731-742(2001).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	73858572
NCBI GeneID	4321
NCBI Accession #	NP_002417.2
NCBI GenBank Nucleotide #	NM_002426.5
UniProt Accession #	P39900; Q2M1L9; B2R9X8; B7ZLF6
Molecular Weight	54,002 Da
NCBI Official Full Name	macrophage metalloelastase preproprotein
NCBI Official Synonym Full Names	matrix metallopeptidase 12
NCBI Official Symbol	MMP12
NCBI Official Synonym Symbols	ME; HME; MME; MMP-12
NCBI Protein Information	macrophage metalloelastase
UniProt Protein Name	Macrophage metalloelastase
UniProt Gene Name	MMP12
UniProt Synonym Gene Names	HME; MME; ME; hME; MMP-12

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.

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Online datasheet: <https://www.aaabiotech.com/human-antibody/mmp12/109478>