

Rabbit anti-Human, mouse MMP17 Polyclonal Antibody | anti-MMP17 antibody

MMP17 Antibody (C-term)

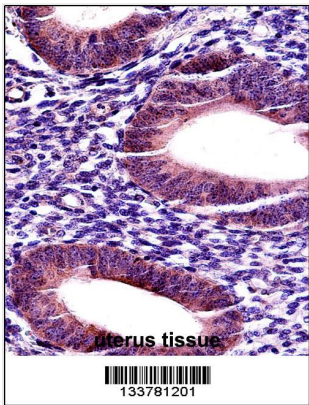
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289090	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

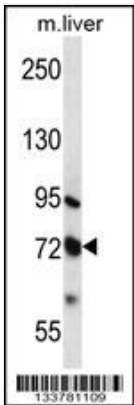
MMP17; Polyclonal Antibody; MMP17 Antibody (C-term); Matrix metalloproteinase-17; MMP-17; 3424-; Membrane-type matrix metalloproteinase 4; MT-MMP 4; MTMMP4; Membrane-type-4 matrix metalloproteinase; MT4-MMP; MT4MMP; anti-MMP17 antibody

PRODUCT SPECIFICATIONS

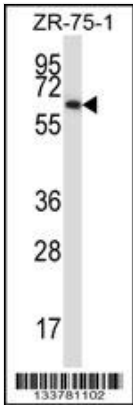
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MMP17 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 432-460 amino acids from the C-terminal region of human MMP17.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.4 (varies by lot)
Sequence Positions	432-460
Sequence Length	519
Applicable Applications for anti-MMP17 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohistochemisry)
MMP17 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human uterus tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of MMP17 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
MMP17 Antibody (C-term) western blot analysis in mouse liver tissue lysates (35ug/lane).This demonstrates the MMP17 antibody detected the MMP17 protein (arrow).



WB (Western Blot)
MMP17 Antibody (C-term) western blot analysis in ZR-75-1 cell line lysates (35ug/lane).This demonstrates the MMP17 antibody detected the MMP17 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-MMP17 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. The protein encoded by this gene is considered a member of the membrane-type MMP (MT-MMP) subfamily. However, this protein is unique among the MT-MMP's in that it is a GPI-anchored protein rather than a transmembrane protein. The protein activates MMP-2 by cleavage.
Product Categories/Family for anti-MMP17 antibody	Cancer; Cardiovascular; Cell biology; Signal transduction
References	Romero, R., et al. Am. J. Obstet. Gynecol. 203 (4), 361 (2010) : Nalpas, B., et al. Gut 59(8):1120-1126(2010) Romero, R., et al. Am. J. Obstet. Gynecol. 202 (5), 431 (2010) : Huang, C.H., et al. Neoplasia 11(12):1371-1382(2009) Atkinson, S.J., et al. Biochem. J. 398(1):15-22(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	112382270
NCBI GeneID	4326
NCBI Accession #	NP_057239.4
NCBI GenBank Nucleotide #	NM_016155.4
UniProt Accession #	Q9ULZ9; Q14850
Molecular Weight	66653
NCBI Official Full Name	matrix metalloproteinase-17 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 17 (membrane-inserted)
NCBI Official Symbol	MMP17
NCBI Official Synonym Symbols	MT4-MMP
NCBI Protein Information	matrix metalloproteinase-17
UniProt Protein Name	Matrix metalloproteinase-17
UniProt Gene Name	MMP17
UniProt Synonym Gene Names	MT4MMP; MMP-17; MT-MMP 4; MTMMP4; MT4-MMP; MT4MMP
UniProt Entry Name	MMP17_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mmp17-antibody-immunohistochemistry-western-blot-elisa/289090>