

Rabbit MMP17 Polyclonal Antibody | anti-MMP17 antibody

MMP17 Antibody (Center)

CATALOG # AAA288327	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Mouse)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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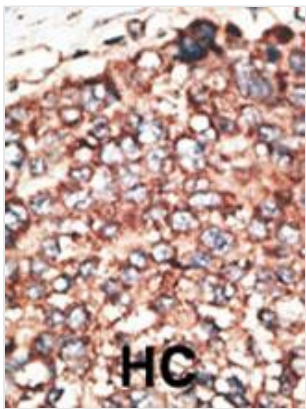
PRODUCT SYNONYMS

MMP17; Polyclonal Antibody; MMP17 Antibody (Center); 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

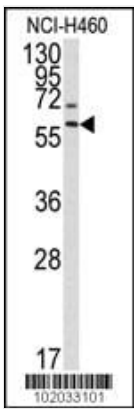
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MMP17 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 391-420 amino acids from the Central region of human MMP17.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	391-420
Sequence Length	603
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.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of anti-MMP17 Antibody (Center) in NCI-H460 cell line lysates (35ug/lane). MMP17(arrow) was detected using the purified Pab.

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 MMPs are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. MMP17 is considered a member of the membrane-type MMP (MT-MMP) subfamily. However, this protein is unique among the MT-MMPs 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	Jung, M., et al., Prostate 55(2):89-98 (2003). Itoh, Y., et al., J. Biol. Chem. 274(48):34260-34266 (1999). Wang, Y., et al., J. Biol. Chem. 274(46):33043-33049 (1999). Kajita, M., et al., FEBS Lett. 457(3):353-356 (1999). Nagase, H., et al., J. Biol. Chem. 274(31):21491-21494 (1999).

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/288327>