

Rabbit MMP8 Polyclonal Antibody | anti-MMP8 antibody

MMP8 Antibody

CATALOG # AAA225699	HOST Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
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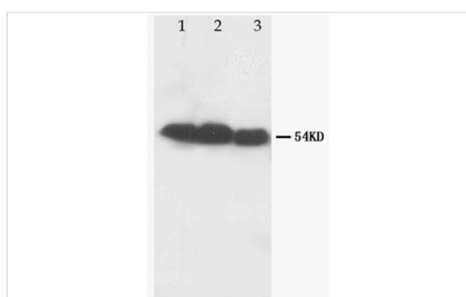
PRODUCT SYNONYMS

MMP8; Polyclonal Antibody; MMP8 Antibody; Affinity Purified Rabbit Polyclonal MMP8 Antibody; Polyclonal MMP8 antibody; Anti-MMP8 antibody; MMP 8 antibody; MMP-8; Matrix Metalloproteinase 8 antibody; MMP-8 antibody; MMP 8; anti-MMP8 antibody

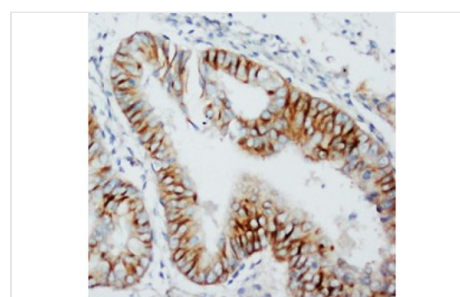
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Chromatography
Form/Format	Lyophilized Form
Applicable Applications for anti-MMP8 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	MMP8 antibody was raised in Rabbit using a synthetic peptide corresponding to a sequence at the N-terminal of human MMP8, different from the related rat and Rabbit sequences by three amino acids, as the immunogen
Preparation and Storage	Store at 4 degree C for short term storage. For long term storage aliquot and store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Lane 1: Rat Lung Tissue Lysate; Lane 2: Rat Lung Testicular Tissue Lysate; Lane 3: Rat Ovary Tissue Lysate


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded section of Human Mammary Cancer Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-MMP8 antibody	MMP8 is a member of the family of matrix metalloproteinases. It is distinct from the collagenase of skin fibroblasts and synovial cells in substrate specificity and immunologic crossreactivity. MMP8 was mapped to 11q21-q22. MMP8 is an enzyme that degrades fibrillar collagens imparting strength to the fetal membranes, is expressed by leukocytes and chorionic cytotrophoblast cells. ¹ The enzyme exhibits 58% homology to human fibroblast collagenase and has the same domain structure. It consists of a 20-residue signal peptide, and an 80-residue propeptide that is lost on autolytic activation by cleavage of an M-L bond. ² MMP8 was found to possess 57% identity with the deduced protein sequence for fibroblast collagenase with 72% chemical similarity. ³ Matrix metalloproteinases (MMPs) have fundamental roles in tumor progression, but most clinical trials with MMP inhibitors have not shown improvements in individuals with cancer. MMP8 has a paradoxical protective role in cancer and provides a genetic model to evaluate the molecular basis of gender differences in cancer susceptibility. ⁴
Product Categories/Family for anti-MMP8 antibody	Proteases; Inhibitors; & Enzymes

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/polyclonal/mmp8-antibody-immunohistochemistry-western-blot-elisa/225699>