

Rabbit anti-Human MMP8 Polyclonal Antibody | anti-MMP8 antibody

MMP8 Antibody

CATALOG # AAA303325	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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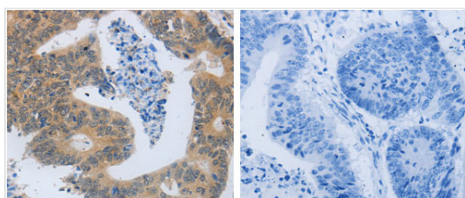
PRODUCT SYNONYMS

MMP8; Polyclonal Antibody; MMP8 Antibody; matrix metalloproteinase 8 (neutrophil collagenase); HNC; CLG1; MMP-8; PMNL-CL; anti-MMP8 antibody

PRODUCT SPECIFICATIONS

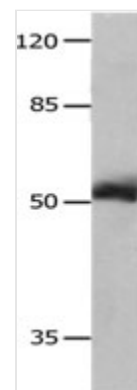
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total MMP8 protein.
Form/Format	Supplied at 1.6mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	467
Applicable Applications for anti-MMP8 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide-KLH
Immunogen Description	Synthetic peptide corresponding to a region derived from 122-135 amino acids of human matrix metalloproteinase 8 (neutrophil collagenase)
Target Name	MMP8
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using 31238 (MMP8 Antibody) at dilution 1/45, on the right is treated with the synthetic peptide.



Application Data

Gel: 8% SDS-PAGE Lysate: 40ug 231 cell lysate Primary antibody: 1/800 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/5000 dilution Exposure time: 10 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-MMP8 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. However, the enzyme encoded by this gene is stored in secondary granules within neutrophils and is activated by autolytic cleavage. Its function is degradation of type I, II and III collagens. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3.
Product Categories/Family for anti-MMP8 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505221
NCBI GeneID	4317
NCBI Accession #	NP_002415
NCBI GenBank Nucleotide #	NM_002424.2
Molecular Weight	53,412 Da
NCBI Official Full Name	neutrophil collagenase isoform 1 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 8
NCBI Official Symbol	MMP8
NCBI Official Synonym Symbols	HNC; CLG1; MMP-8; PMNL-CL
NCBI Protein Information	neutrophil collagenase
UniProt Protein Name	Neutrophil collagenase
UniProt Gene Name	MMP8
UniProt Synonym Gene Names	CLG1; MMP-8; PMNL-CL
UniProt Entry Name	MMP8_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/mmp8-antibody-immunohistochemistry-western-blot-elisa/303325>