

Rabbit anti-Human, Mouse MMP25 Polyclonal Antibody | anti-MMP25 antibody

MMP25 antibody

CATALOG # AAA308268	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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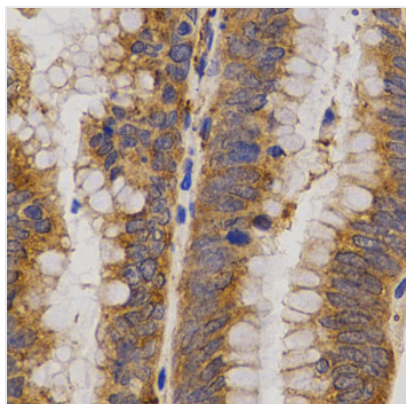
PRODUCT SYNONYMS

MMP25; Polyclonal Antibody; MMP25 antibody; MMP20; MMPL1; MMP-25; MMP20A; MT6MMP; MTMMP6; MT-MMP6; MT6-MMP; MT-MMP 6; anti-MMP25 antibody

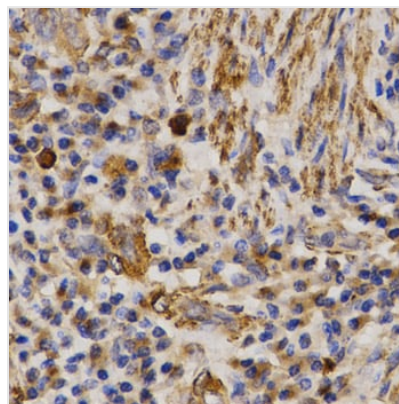
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total MMP25 antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	562
Applicable Applications for anti-MMP25 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	A synthetic peptide of human MMP25.
Target Name	MMP25
Preparation and Storage	Store at -20 degree C

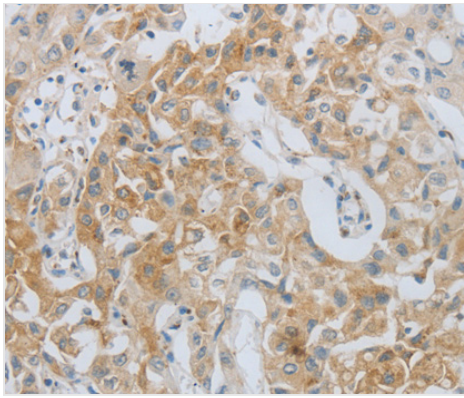
IMAGES


IHC (Immunohistochemistry)

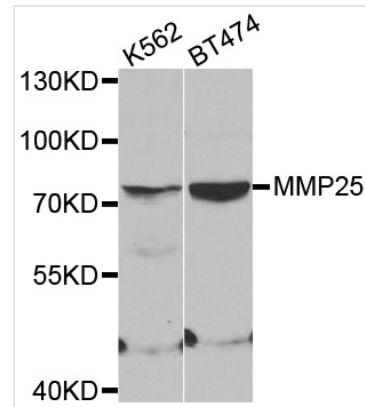
Immunohistochemistry analysis of paraffin-embedded human rectal cancer using MMP25 antibody at dilution of 1:200 (x400 lens).


IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lung cancer using MMP25 antibody at dilution of 1:200 (x400 lens).



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded Human lung cancer tissue using MMP25 antibody.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using MMP25 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MMP25 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. However, the protein encoded by this gene is a member of the membrane-type MMP (MT-MMP) subfamily, attached to the plasma membrane via a glycosylphosphatidyl inositol anchor. In response to bacterial infection or inflammation, the encoded protein is thought to inactivate alpha-1 proteinase inhibitor, a major tissue protectant against proteolytic enzymes released by activated neutrophils, facilitating the transendothelial migration of neutrophils to inflammatory sites. The encoded protein may also play a role in tumor invasion and metastasis through activation of MMP2. The gene has previously been referred to as MMP20 but has been renamed MMP25.
Product Categories/Family for anti-MMP25 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	11968059
NCBI GeneID	64386
NCBI Accession #	NP_071913.1
NCBI GenBank Nucleotide #	NM_022468.4
UniProt Accession #	Q9NPA2; Q9H3Q0; D3DUA8
Molecular Weight	62,554 Da
NCBI Official Full Name	matrix metalloproteinase-25 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 25
NCBI Official Symbol	MMP25
NCBI Official Synonym Symbols	MMP20; MMPL1; MMP-25; MMP20A; MT6MMP; MTMMP6; MT-MMP6; MT6-MMP; MT-MMP 6
NCBI Protein Information	matrix metalloproteinase-25
UniProt Protein Name	Matrix metalloproteinase-25
UniProt Gene Name	MMP25
UniProt Synonym Gene Names	MMP20; MMPL1; MT6MMP; MMP-25; MT-MMP 6; MTMMP6; MT6-MMP; MT6MMP
UniProt Entry Name	MMP25_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/mmp25-antibody-immunohistochemistry-western-blot-elisa/308268>