

Rabbit anti-Human MMP-15/MT2-MMP Polyclonal Antibody | anti-MMP15 antibody

Anti-MMP-15/MT2-MMP Antibody, Rabbit Polyclonal

CATALOG # AAA255881	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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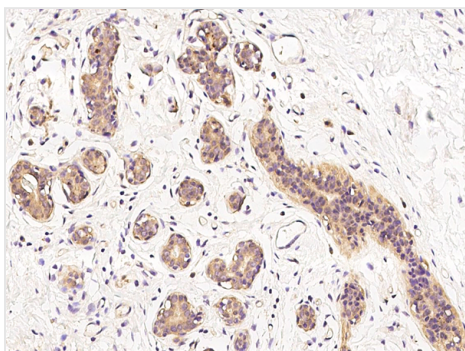
PRODUCT SYNONYMS

MMP-15/MT2-MMP; Polyclonal Antibody; Anti-MMP-15/MT2-MMP Antibody; Rabbit Polyclonal; MMP-15 Antibody; Rabbit PAb; Antigen Affinity Purified; matrix metallopeptidase 15 (membrane-inserted); Anti-MT2-MMP Antibody; Anti-MT MMP2 Antibody; Anti-SMCP-2 Antibody; anti-MMP15 antibody

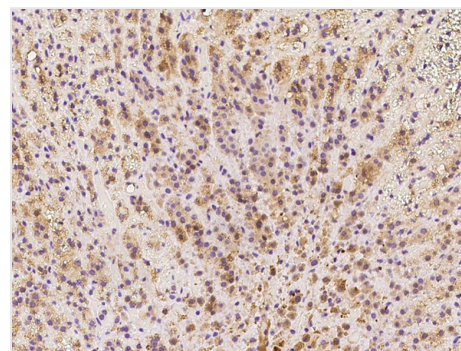
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human MMP-15
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-MMP15 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human MMP-15 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human MMP-15 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunochemical staining of human MMP15 in human breast with rabbit polyclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.


IHC (Immunohistochemistry)

Immunochemical staining of human MMP15 in human adrenal gland with rabbit polyclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-MMP15 antibody	Membrane-type 2 matrix metalloproteinase (MT2-MMP; also known as MMP15) is a membrane-bound protease that degrades extracellular matrix and activates ProMMPs such as ProMMP-2. MMP15 is the membrane-type MMP (MT-MMP) which is a recently identified matrix metalloproteinase (MMP) capable of degrading all kinds of extracellular matrix proteins as well as numerous bioactive molecules. Matrix metalloproteinase 15 (MMP15) is the functional regulated gene of miR-339-5p in breast carcinoma. The MMP15 was identified to be a target of miR-339-5p. The level of MMP15 was negatively regulated by miR-339-5p whereas positively controlled by MAFG-AS1. Matrix metalloproteinases (MMPs), a family of zinc-dependent endopeptidases, are involved in a variety of physiological and pathological processes. MMP7 and MMP15 were overexpressed in acute myeloid leukemia (AML) patients.
References	Patterson RA, et al. (2013) Mt2-mmp expression during early avian morphogenesis. Anat Rec (Hoboken) 296 (1): 64-70.Li H, et al. (2019) Lncrna mafg-as1 promotes the aggressiveness of breast carcinoma through regulating mir-339-5p/mmp15. Eur Rev Med Pharmacol Sci 23 (7): 2838-2846.Kim OH, et al. (2019) Generation of mmp15b zebrafish mutant to investigate liver diseases. Dev Reprod 23 (4): 385-390.Jia YC, et al. (2019) Lncrna mafg-as1 facilitates the migration and invasion of nslc cell via sponging mir-339-5p from mmp15. Cell Biol Int 43 (4): 384-393.

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/mmp-15-mt2-mmp-antibody-immunohistochemistry-elisa/255881>