

Rabbit MMP16 Polyclonal Antibody | anti-MMP16 antibody

MMP16 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28228	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

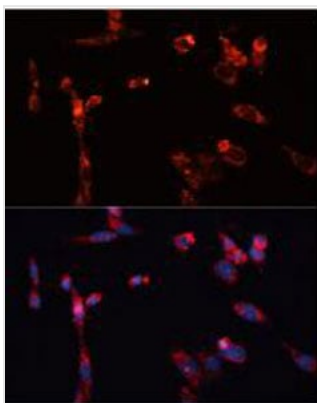
PRODUCT SYNONYMS

MMP16; Polyclonal Antibody; MMP16 Polyclonal Antibody; C8orf57; MMP-X2; MT-MMP2; MT-MMP3; MT3- MMP; matrix metalloproteinase 16; anti-MMP16 antibody

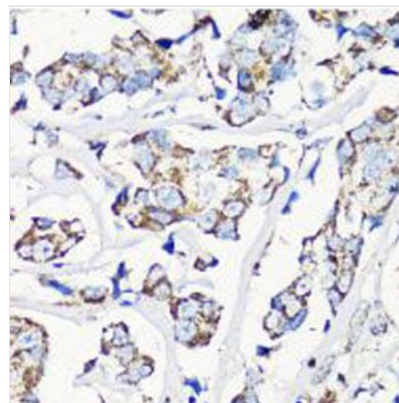
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3.
Sequence Length	607
Applicable Applications for anti-MMP16 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500 - 1:2000 IHC 1:50-1:200 IF 1:50-1:200
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 290-565 of human MMP16 (NP_005932.2).
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.

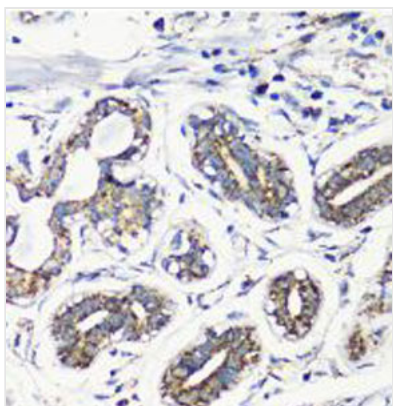
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cell using MMP16 antibody (AAA28228) at dilution of 1:100. Blue: DAPI for nuclear staining

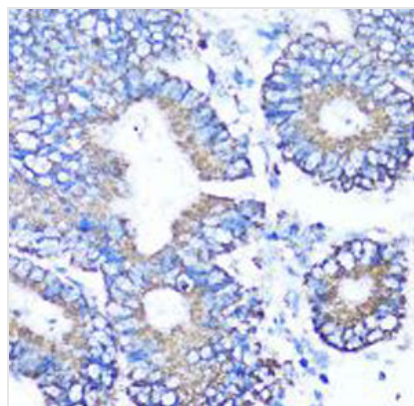

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using MMP16 antibody (AAA28228) at dilution of 1:100 (40x lens)



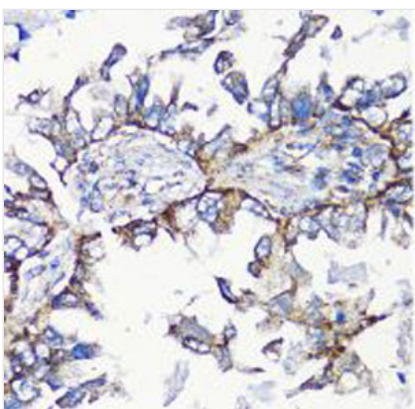
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast using MMP16 antibody (AAA28228) at dilution of 1:100 (40x lens).



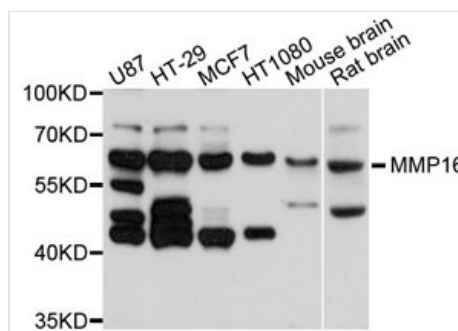
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon carcinoma using MMP16 antibody (AAA28228) at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using MMP16 antibody (AAA28228) at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MMP16 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-MMP16 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. The encoded protein activates MMP2 by cleavage. This gene was once referred to as MT-MMP2, but was renamed as MT-MMP3 or MMP16.
Product Categories/Family for anti-MMP16 antibody	Primary antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	3041669
NCBI GeneID	4325
UniProt Accession #	P51512; Q14824; Q52H48; B2RAN7
Molecular Weight	Observed MW: 60kDa Calculated MW: 52kDa/69kDa
NCBI Official Full Name	Matrix metalloproteinase-16
NCBI Official Synonym Full Names	matrix metalloproteinase 16
NCBI Official Symbol	MMP16
NCBI Official Synonym Symbols	MMP-X2; C8orf57; MT-MMP2; MT-MMP3; MT3-MMP

NCBI Protein Information	matrix metalloproteinase-16
UniProt Protein Name	Matrix metalloproteinase-16
UniProt Gene Name	MMP16
UniProt Synonym Gene Names	MMPX2; MMP-16; MT-MMP 3; MTMMP3; MT3-MMP; MT3MMP

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/mmp16-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/28228>