

Rabbit MMP16 Polyclonal Antibody | anti-MMP16 antibody

Anti-MMP16 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45125	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Immunohistochemistry, Western Blot

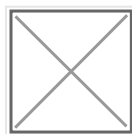
PRODUCT SYNONYMS

MMP16; Polyclonal Antibody; Anti-MMP16 antibody; Matrix metalloproteinase-16(MMP-16); matrix metalloproteinase 16(membrane-inserted); C8orf57 antibody; DKFZp761D112 antibody; Matrix metalloproteinase 16 membrane inserted antibody; Matrix metalloproteinase 16 antibody; Matrix metalloproteinase-16 antibody; Membrane type 3 matrix metalloproteinase antibody; Membrane type matrix metalloproteinase 3 antibody; Membrane-type matrix metalloproteinase 3 antibody; Membrane-type-3 matrix metalloproteinase antibody; MMP 16 antibody; MMP X2 antibody; MMP-16 antibody; MMP-X2 antibody; MMP16 antibody; MMP16_HUMAN antibody; MMPX2 antibody; MT MMP2 antibody; MT MMP3 antibody; MT-MMP 3 antibody; MT-MMP2 antibody; MT-MMP3 antibody; MT3 MMP antibody; MT3-MMP antibody; MT3MMP antibody; MTMMP2 antibody; MTMMP3 antibody; Putative transmembrane protein C8orf57 antibody; anti-MMP16 antibody

PRODUCT SPECIFICATIONS

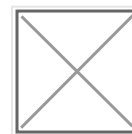
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	607
Applicable Applications for anti-MMP16 antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human MMP16 (582-598aa, YTVFQFKRKGTPRHILY), identical to the related rat and mouse sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti-MMP16 antibody, AAA45125, IHC(P)IHC(P): Human Rectal Cancer Tissue



WB (Western Blot)

Anti-MMP16 antibody, AAA45125, Western blottingLane 1: HELA Cell LysateLane 2: COLO320 Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-MMP16 antibody	Description: Rabbit IgG polyclonal antibody for Matrix metalloproteinase-16(MMP16) detection. Tested with WB, IHC-P, IHC-F in Human, Mouse, Rat. Background: The matrix metalloproteinase 16(MMP16) protein consists of 604 amino acids and has a characteristic MMP domain structure, which gene is mapped on human chromosome 8q21. Additionally, MMP16 has a C-terminal extension containing a potential transmembrane domain, similar to MMP14, MMP15, and MMP17. Furthermore, it is membrane-bound and is a member of the membrane-type MMPs that are a subclass in the MMP family since the other members lack a C-terminal transmembrane domain and are secreted as soluble forms. MMP16 is expressed as a 12-kb transcript in brain, placenta, heart, and some carcinoma cell lines, but is not detectably expressed in lung, kidney, liver, spleen, and muscle.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	3041669
NCBI GeneID	4325
UniProt Accession #	P51512; Q14824; Q52H48; B2RAN7
Molecular Weight	52,515 Da
NCBI Official Full Name	Matrix metalloproteinase-16
NCBI Official Synonym Full Names	matrix metalloproteinase 16 (membrane-inserted)
NCBI Official Symbol	MMP16
NCBI Official Synonym Symbols	MMP-X2; C8orf57; MT-MMP2; MT-MMP3; MT3-MMP
NCBI Protein Information	matrix metalloproteinase-16; MMP-16; MT3MMP; MTMMP3; MT-MMP 3; Putative transmembrane protein C8orf57; membrane-type matrix metalloproteinase 3; membrane-type-3 matrix metalloproteinase
UniProt Protein Name	Matrix metalloproteinase-16
UniProt Gene Name	MMP16
UniProt Synonym Gene Names	MMPX2; MMP-16; MT-MMP 3; MTMMP3; MT3-MMP; MT3MMP
UniProt Entry Name	MMP16_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.