

Rabbit MMP24 Polyclonal Antibody | anti-MMP24 antibody

Anti-MMP24 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45642	Rabbit	Reacts with: Human Predicted to work with: Mouse, Rat	Western Blot

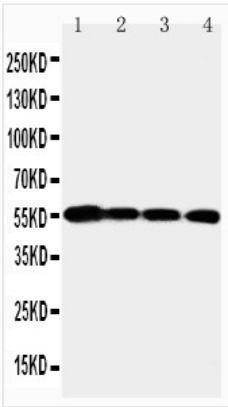
PRODUCT SYNONYMS

MMP24; Polyclonal Antibody; Anti-MMP24 antibody; Matrix metalloproteinase-24; matrix metalloproteinase 24(membrane-inserted); Matrix metalloproteinase 24(membrane inserted) antibody; Matrix metalloproteinase 24 antibody; Membrane type 5 matrix metalloproteinase antibody; Membrane type matrix metalloproteinase 5 antibody; Membrane-type matrix metalloproteinase 5 antibody; Membrane-type-5 matrix metalloproteinase antibody; MMP 24 antibody; MMP 25 antibody; MMP-24 antibody; Mmp24 antibody; MMP24_HUMAN antibody; MMP25 antibody; MT MMP5 antibody; MT-MMP 5 antibody; MT5 MMP antibody; MT5-MMP antibody; MT5MMP antibody; MTMMP5 antibody; Processed matrix metalloproteinase-24 antibody; anti-MMP24 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Reacts with: Human Predicted to work with: Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	645
Applicable Applications for anti-MMP24 antibody	WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human MMP24 (208-225aa YHEIKSDRKEADIMIFFA), identical to the related mouse and rat 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



WB (Western Blot)
Anti-MMP24 antibody, AAA45642, Western blottingLane 1: PANC Cell LysateLane 2: HELA
Cell LysateLane 3: SMMC Cell LysateLane 4: A549 Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-MMP24 antibody	Description: Rabbit IgG polyclonal antibody for Matrix metalloproteinase-24(MMP24) detection. Tested with WB in Human, Mouse, Rat. Background: Matrix metalloproteinase-24, also known as MT5MMP or MMP25, is an enzyme that in humans is encoded by the MMP24 gene. 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 protein encoded by this gene is a member of the membrane-type MMP(MT-MMP) subfamily; each member of this subfamily contains a potential transmembrane domain suggesting that these proteins are expressed at the cell surface rather than secreted. This protein activates MMP2 by cleavage. The gene has previously been referred to as MMP25 but has been renamed MMP24. This gene may be a proteoglycanase involved in degradation of proteoglycans, such as dermatan sulfate and chondroitin sulfate proteoglycans.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	12585280
NCBI GeneID	10893
UniProt Accession #	Q9Y5R2; Q9H440; B7ZBG8
NCBI Official Full Name	Matrix metalloproteinase-24
NCBI Official Synonym Full Names	matrix metalloproteinase 24 (membrane-inserted)
NCBI Official Symbol	MMP24
NCBI Official Synonym Symbols	MMP25; MMP-24; MT5MMP; MTMMP5; MT-MMP5; MT5-MMP; MT-MMP 5
NCBI Protein Information	matrix metalloproteinase-24; membrane-type 5 matrix metalloproteinase; membrane-type matrix metalloproteinase 5; membrane-type-5 matrix metalloproteinase; matrix metalloproteinase 24 (membrane-inserted)
UniProt Protein Name	Matrix metalloproteinase-24
UniProt Gene Name	MMP24
UniProt Synonym Gene Names	MT5MMP; MMP-24; MT-MMP 5; MTMMP5; MT5-MMP; MT5MMP
UniProt Entry Name	MMP24_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.

