

MMP26 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP6207a**Specification**

MMP26 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [O9NRE1](#)
Other Accession [NP_068573](#)

MMP26 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 56547

Other Names

Matrix metalloproteinase-26, MMP-26, 3424-, Endometase, Matrilysin-2, MMP26

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6207a](#) was selected from the N-term region of human MMP26. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

MMP26 Antibody (N-term) Blocking Peptide - Protein Information

Name MMP26

Function

May hydrolyze collagen type IV, fibronectin, fibrinogen, beta-casein, type I gelatin and alpha-1 proteinase inhibitor. Is also able to activate progelatinase B.

Cellular Location

Secreted, extracellular space, extracellular matrix

Tissue Location

Expressed specifically in uterus and placenta. Is also widely expressed in malignant tumors from different sources as well as in diverse tumor cell lines

MMP26 Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

MMP26 Antibody (N-term) Blocking Peptide - Images

MMP26 Antibody (N-term) Blocking Peptide - Background

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. MMP26 may hydrolyze collagen type IV, fibronectin, fibrinogen, beta-casein, type I gelatin and alpha-1 proteinase inhibitor. It is also able to activate progelatinase B. MMP26 is expressed specifically in uterus and placenta. Is also widely expressed in malignant tumors from different sources as well as in diverse tumor cell lines.

MMP26 Antibody (N-term) Blocking Peptide - References

de Coignac, A.B., et al., Eur. J. Biochem. 267(11):3323-3329 (2000). Uria, J.A., et al., Cancer Res. 60(17):4745-4751 (2000). Park, H.I., et al., J. Biol. Chem. 275(27):20540-20544 (2000).