

**MMP20 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6203a****Specification**

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**MMP20 Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [O60882](#)  
Other Accession [NP\\_004762](#)

**MMP20 Antibody (Center) Blocking Peptide - Additional Information**

**Gene ID** 9313

**Other Names**

Matrix metalloproteinase-20, MMP-20, 3424-, Enamel metalloproteinase, Enamelysin, MMP20

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6203a](/product/products/AP6203a) was selected from the Center region of human MMP20. 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.

**MMP20 Antibody (Center) Blocking Peptide - Protein Information**

**Name** MMP20

**Function**

Degrades amelogenin, the major protein component of the enamel matrix and two of the macromolecules characterizing the cartilage extracellular matrix: aggrecan and the cartilage oligomeric matrix protein (COMP). May play a central role in tooth enamel formation. Cleaves aggrecan at the '360-Asn-[Phe-361' site.

**Cellular Location**

Secreted, extracellular space, extracellular matrix

**Tissue Location**

Expressed specifically in the enamel organ.

## **MMP20 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **MMP20 Antibody (Center) Blocking Peptide - Images**

## **MMP20 Antibody (Center) Blocking Peptide - Background**

MMP20 degrades amelogenin, the major protein component of the enamel matrix, as well as two of the macromolecules characterizing the cartilage extracellular matrix: aggrecan and the cartilage oligomeric matrix protein (COMP). MMP20 may play a central role in tooth enamel formation.

## **MMP20 Antibody (Center) Blocking Peptide - References**

Llano, E., et al., Biochemistry 36(49):15101-15108 (1997). Stracke, J.O., et al., FEBS Lett. 478 (1-2), 52-56 (2000).