

## Product datasheet for **TA339431**

### MMP20 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-MMP20 antibody: synthetic peptide directed towards the middle region of human MMP20. Synthetic peptide located within the following region: AAVYLREPQKTLFFVGDEYYSDERKRKMEKDYPKNTTEEFSGVNGQIDA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	43 kDa
Gene Name:	matrix metalloproteinase 20
Database Link:	<a href="#">NP_004762</a> <a href="#">Entrez Gene 9313 Human</a> <a href="#">O60882</a>



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**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 MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. The protein encoded by this gene degrades amelogenin, the major protein component of dental enamel matrix, and thus thought to play a role in tooth enamel formation. A mutation in this gene, which alters the normal splice pattern and results in premature termination of the encoded protein, has been associated with amelogenesis imperfecta. This gene is part of a cluster of MMP genes located on chromosome 11q22.3. [provided by RefSeq, Aug 2011]

**Synonyms:**

AI2A2; MMP-20

**Note:**

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Human: 100%; Mouse: 100%; Horse: 93%; Bovine: 93%; Rat: 92%; Rabbit: 86%

**Protein Families:**

Druggable Genome, Secreted Protein, Transmembrane

**Product images:**

WB Suggested Anti-MMP20 Antibody Titration:  
0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive  
Control: HepG2 cell lysate

