

Rabbit MMP20 Polyclonal Antibody | anti-MMP20 antibody

MMP20 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199713	Rabbit	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot

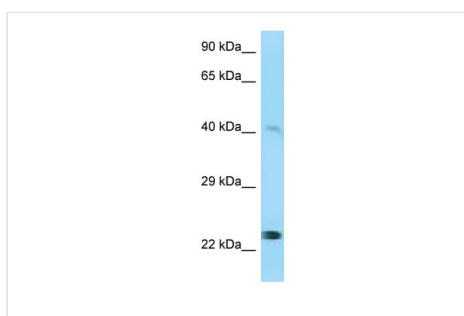
PRODUCT SYNONYMS

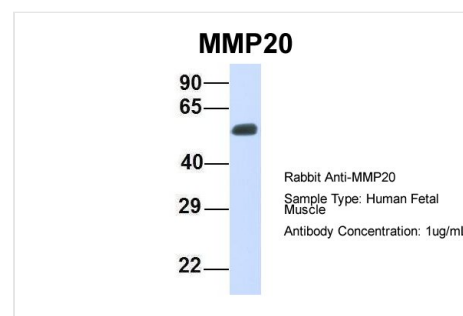
MMP20; Polyclonal Antibody; MMP20 antibody - middle region; anti-MMP20 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: AA VYLREPQKTL FFVGDEYYSY DERKRKMEKD YPKNTEEEFS GVNGQIDA
Sequence Length	483
Applicable Applications for anti-MMP20 antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 86%; Rat: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human MMP20
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-MMP20 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:31250
Positive Control: HepG2 cell lysate

WB (Western Blot)

Host: Rabbit
Target Name: MMP20
Sample Type: Human Fetal Muscle
Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-MMP20 antibody	This is a rabbit polyclonal antibody against MMP20. It was validated on Western Blot Target Description: 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. MMP20 degrades amelogenin, the major protein component of dental enamel matrix, and so the protein is thought to play a role in tooth enamel formation. A mutation in the gene encoding MMP20, which alters the normal splice pattern and results in premature termination of the encoded protein, has been associated with amelogenesis imperfecta.
Product Categories/Family for anti-MMP20 antibody	Polyclonal; Transcription Factor; Cancer; Drugs and Drug Metabolism; Cell Biology; Developmental Biology; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	45359865
NCBI GeneID	9313
NCBI Accession #	NP_004762
NCBI GenBank Nucleotide #	NM_004771
UniProt Accession #	O60882
Molecular Weight	43kDa
NCBI Official Full Name	matrix metalloproteinase-20 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 20
NCBI Official Symbol	MMP20
NCBI Official Synonym Symbols	AI2A2; MMP-20
NCBI Protein Information	matrix metalloproteinase-20
UniProt Protein Name	Matrix metalloproteinase-20
UniProt Gene Name	MMP20
UniProt Synonym Gene Names	MMP-20

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mmp20-antibody-western-blot-elisa/199713>