

Rabbit anti-Human MMP20 Polyclonal Antibody | anti-MMP20 antibody

MMP20 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287582	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

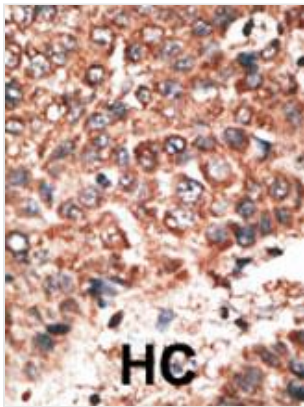
PRODUCT SYNONYMS

MMP20; Polyclonal Antibody; MMP20 Antibody (Center); Matrix metalloproteinase-20; MMP-20; 3424-; Enamel metalloproteinase; Enamelysin; anti-MMP20 antibody

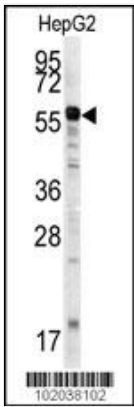
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MMP20 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 233-262 amino acids from the Central region of human MMP20.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	233-262
Sequence Length	483
Applicable Applications for anti-MMP20 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of anti-MMP20 Antibody (Center) in HepG2 cell line lysates (35ug/lane). MMP20 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-MMP20 antibody	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.
Product Categories/Family for anti-MMP20 antibody	Cancer; Cell Biology; Signal transduction
References	Llano, E., et al., Biochemistry 36(49):15101-15108 (1997). Stracke, J.O., et al., FEBS Lett. 478 (1-2), 52-56 (2000).

NCBI AND UNIPROT INFORMATION

NCBI GI #	45359865
NCBI GeneID	9313
NCBI Accession #	NP_004762.2
NCBI GenBank Nucleotide #	NM_004771.3
UniProt Accession #	O60882; Q6DKT9
Molecular Weight	54387
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
UniProt Entry Name	MMP20_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/mmp20-antibody-immunohistochemistry-western-blot-elisa/287582>