

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

MMP20 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303080	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

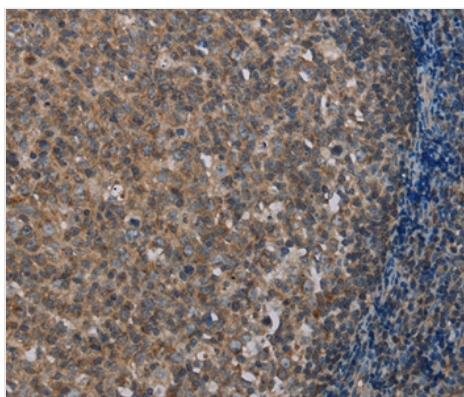
PRODUCT SYNONYMS

MMP20; Polyclonal Antibody; MMP20 Antibody; AI2A2; MMP-20; anti-MMP20 antibody

PRODUCT SPECIFICATIONS

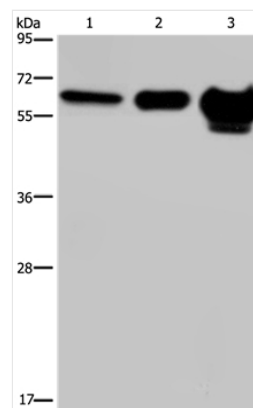
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total MMP20 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN3, 50% Glycerol.
Concentration	2.7 mg/ml (varies by lot)
Sequence Length	483
Applicable Applications for anti-MMP20 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human matrix metalloproteinase 20
Target Name	MMP20
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human tonsil tissue using at dilution 1/40.



Application Data

Gel: 8%SDS-PAGE Lysates (from left to right): 823 cell, mouse brain and human fetal brain tissue Amount of lysate: 40ug per lane Primary antibody: 1/400 dilution Secondary antibody dilution: 1/8000 Exposure time: 20 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-MMP20 antibody	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.
Product Categories/Family for anti-MMP20 antibody	Total protein Ab

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	54,387 Da
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mmp20-antibody-immunohistochemistry-western-blot-elisa/303080>