Datasheet for ABIN6134051

anti-MMP20 antibody (AA 108-310)

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Overview

Quantity:	100 µL
Target:	MMP20
Binding Specificity:	AA 108-310
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MMP20 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 108-310 of human MMP20 (NP_004762.2).
Sequence:	YRLFPGEPKW KKNTLTYRIS KYTPSMSSVE VDKAVEMALQ AWSSAVPLSF VRINSGEADI MISFENGDHG DSYPFDGPRG TLAHAFAPGE GLGGDTHFDN AEKWTMGTNG FNLFTVAAHE FGHALGLAHS TDPSALMYPT YKYKNPYGFH LPKDDVKGIQ ALYGPRKVFL GKPTLPHAPH HKPSIPDLCD SSSSFDAVTM LGK
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	MMP20
Alternative Name:	MMP20 (MMP20 Products)
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.,MMP20,AI2A2,MMP-20,Cancer,Invasion and Metastasis,Signal Transduction,Cell Biology & Developmental Biology,Cytoskeleton,Extracellular Matrix,MMPs,Ubiquitin,Cardiovascular,Angiogenesis,MMP20
Molecular Weight:	54 kDa
Gene ID:	9313
UniProt:	O60882

Application Details

Application Notes:	WB,1:500 - 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.