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## Datasheet for ABIN657816 anti-MMP20 antibody (C-Term)

Image



## Overview

Quantity:	400 µL
Target:	MMP20
Binding Specificity:	AA 399-428, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)
Product Details	
Immunogen:	This MMP20 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 399-428 amino acids from the C-terminal region of human MMP20.
Clone:	RB34032

Giorie.	
Isotype:	Ig Fraction
Predicted Reactivity:	В
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	MMP20
Alternative Name:	MMP20 (MMP20 Products)
Background:	Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of

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## Target Details

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 so the protein is 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 that localizes to chromosome 11q22.3.

Molecular Weight:	54387
Gene ID:	9313
NCBI Accession:	NP_004762
UniProt:	060882

## **Application Details**

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	MMP20 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months

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0	HepG2
	95 =
	72
	<sup>55</sup> - 4
	36
	28
	17

#### Western Blotting

**Image 1.** P20 Antibody (C-term) (ABIN657816 and ABIN2846783) western blot analysis in HepG2 cell line lysates (35 µg/lane).This demonstrates the P20 antibody detected the P20 protein (arrow).

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