



Datasheet for ABIN2787275
anti-MMP26 antibody (C-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	MMP26
Binding Specificity:	C-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MMP26 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human MMP26
Sequence:	NLFLVATHEI GHSLGLQHSG NQSSIMYPTY WYHDPRTFQL SADDIQRQIH
Predicted Reactivity:	Human: 100%, Rat: 83%
Characteristics:	This is a rabbit polyclonal antibody against MMP26. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	MMP26
Alternative Name:	MMP26 (MMP26 Products)

Target Details

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 encoded protein degrades type IV collagen, fibronectin, fibrinogen, casein, vitronectin, alpha 1-antitrypsin, alpha 2-macroglobulin, and insulin-like growth factor-binding protein 1, and activates MMP9 by cleavage. The protein differs from most MMP family members in that it lacks a conserved C-terminal protein domain.

Alias Symbols: MGC126590, MGC126592

Protein Interaction Partner: SERPINA1, IGFBP1, MMP9,

Protein Size: 261

Molecular Weight: 19 kDa

Gene ID: 56547

NCBI Accession: [NM_021801](#), [NP_068573](#)

UniProt: [Q9NRE1](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 261 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-MMP26

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:1562500

Positive Control: A549 cell lysate

MMP26 is supported by BioGPS gene expression data to be expressed in A549

Western Blotting

Image 2. WB Suggested Anti-MMP26 Antibody Titration:

0.2-1 µg/ml

ELISA Titer: 1:1562500

Positive Control: A549 cell lysate