# antibodies -online.com





## anti-MMP16 antibody (N-Term)

2 Images



Go to Product page

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Overview	
Quantity:	400 μL
Target:	MMP16
Binding Specificity:	AA 154-183, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MMP16 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This MMP16 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 154-183 amino acids from the N-terminal region of human MMP16.
Clone:	RB2031
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	MMP16
Alternative Name:	MMP16 (MMP16 Products)

### Target Details

Background:
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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 MMPs are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. This gene for MMP16 produces two transcripts, which encode a membrane-bound form and a soluble form of the protein. Both forms of the protein activate MMP2 by cleavage. This gene was once referred to as MT-MMP2, but was renamed as MT-MMP3 or MMP16.

Molecular Weight:

69521

Gene ID:

4325

NCBI Accession:

NP\_005932

UniProt:

P51512

### **Application Details**

Application Notes	n Notes:	Application
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WB: 1:1000. IHC-P: 1:50~100

Restrictions:

For Research Use only

#### Handling

Format	
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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

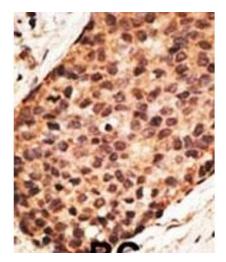
Storage Comment:

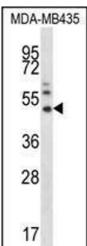
Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small

aliquots to prevent freeze-thaw cycles.

**Expiry Date:** 

6 months





#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.

#### **Western Blotting**

**Image 2.** P16 Antibody (ABIN390140 and ABIN2840644) western blot analysis in MDA-M cell line lysates (35  $\mu$  g/lane). This demonstrates the P16 antibody detected the P16 protein (arrow).