

**Anti-MMP16 Antibody**  
**Rabbit polyclonal antibody to MMP16**  
**Catalog # AP60031**

**Specification**

**Anti-MMP16 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P51512</a>
Other Accession	<a href="#">Q9WTR0</a>
Reactivity	Human, Mouse, Rat, Rabbit, Monkey, Pig, Chicken, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	69521

**Anti-MMP16 Antibody - Additional Information**

**Gene ID 4325**

**Other Names**

MMPX2; Matrix metalloproteinase-16; MMP-16; MMP-X2; Membrane-type matrix metalloproteinase 3; MT-MMP 3; MTMMP3; Membrane-type-3 matrix metalloproteinase; MT3-MMP; MT3MMP

**Target/Specificity**

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human MMP16. The exact sequence is proprietary.

**Dilution**

WB~~WB (1/500 - 1/1000)

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-MMP16 Antibody - Protein Information**

**Name MMP16 ([HGNC:7162](#))**

**Function**

Endopeptidase that degrades various components of the extracellular matrix, such as collagen type III and fibronectin. Activates progelatinase A. Involved in the matrix remodeling of blood vessels. Isoform short cleaves fibronectin and also collagen type III, but at lower rate. It has no effect on type I, II, IV and V collagen. However, upon interaction with CSPG4, it may be involved in degradation and invasion of type I collagen by melanoma cells.

**Cellular Location**

[Isoform Long]: Cell membrane; Single-pass type I membrane protein; Extracellular side.  
Note=Localized at the cell surface of melanoma cells

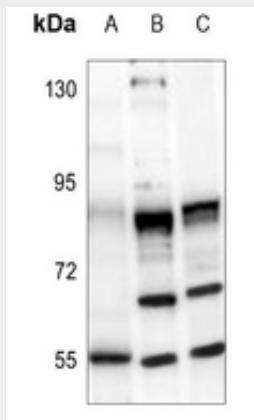
**Tissue Location**

Expressed in heart, brain, placenta, ovary and small intestine. Isoform Short is found in the ovary

**Anti-MMP16 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-MMP16 Antibody - Images**

Western blot analysis of MMP16 expression in U87MG (A), MCF7 (B), BV2 (C) whole cell lysates.

**Anti-MMP16 Antibody - Background**

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