

MMP-16 Polyclonal Antibody
Catalog # AP71095**Specification**

MMP-16 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P51512
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

MMP-16 Polyclonal Antibody - Additional Information**Gene ID** 4325**Other Names**

MMP16; 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

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

MMP-16 Polyclonal 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

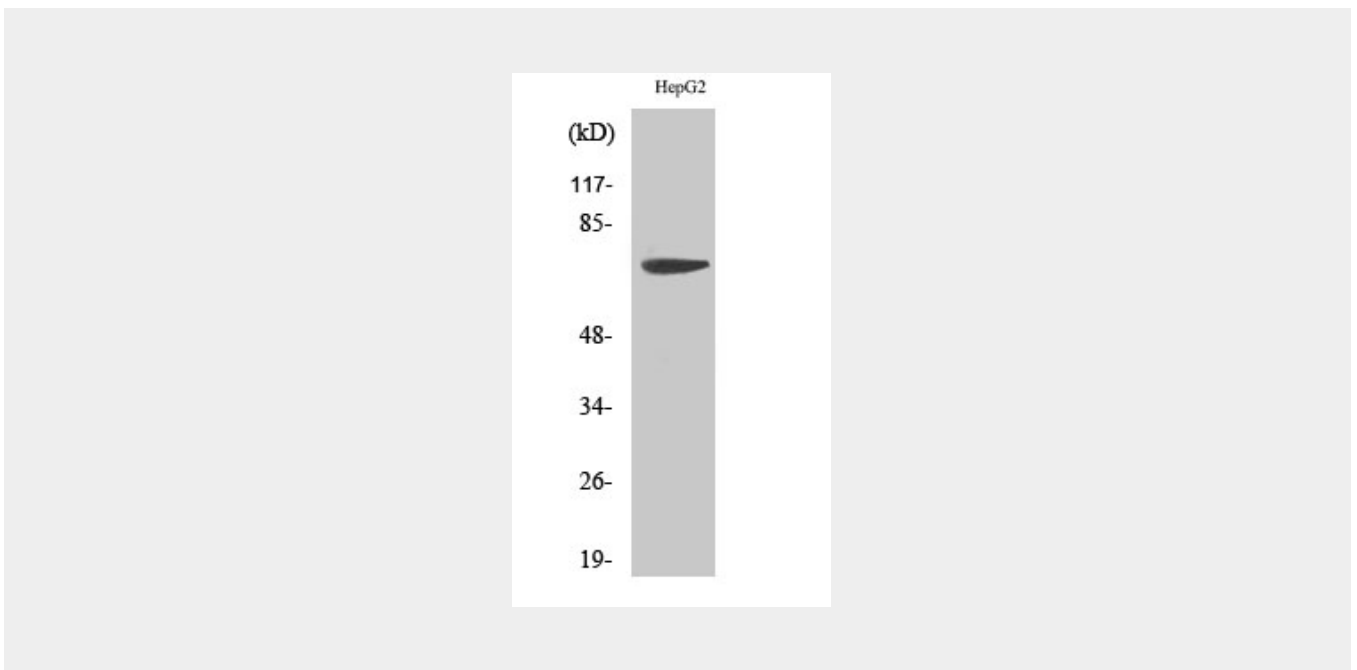
Expressed in heart, brain, placenta, ovary and small intestine. Isoform Short is found in the ovary

MMP-16 Polyclonal 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](#)

MMP-16 Polyclonal Antibody - Images



MMP-16 Polyclonal Antibody - Background

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