

## Product datasheet

# Anti-MMP3 antibody ab32607

★★★★☆ 1 Abreviews 3 References 1 Image

### Overview

|                            |   |
|----------------------------|---|
| <b>Product name</b>        | Anti-MMP3 antibody  |
| <b>Description</b>         | Rabbit polyclonal to MMP3   |
| <b>Host species</b>        | Rabbit  |
| <b>Tested applications</b> | <b>Suitable for:</b> IHC-P  |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Human   |
| <b>Positive control</b>    | Conditioned, serum free medium from TPA treated human Endometrial cells. Human placenta tissue. |

### Properties

|                             |   |
|-----------------------------|---|
| <b>Form</b>                 | Liquid  |
| <b>Storage instructions</b> | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| <b>Storage buffer</b>       | Preservative: 0.1% Sodium Azide<br>Constituents: 1% BSA, 10mM PBS, pH 7.4             |
| <b>Purity</b>               | Immunogen affinity purified   |
| <b>Clonality</b>            | Polyclonal  |
| <b>Isotype</b>              | IgG   |

### Applications

Our [Abpromise guarantee](#) covers the use of **ab32607** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|-------|
| IHC-P       |           |       |

|                          |  |
|--------------------------|--|
| <b>Application notes</b> | IHC-P: 1/50 for 30 min at room temperature. Staining of formalin fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0 for 10 min followed by cooling at room temperature for 20 min.<br><br>Not yet tested in other applications. |
|--------------------------|--|

Optimal dilutions/concentrations should be determined by the end user.

## Target

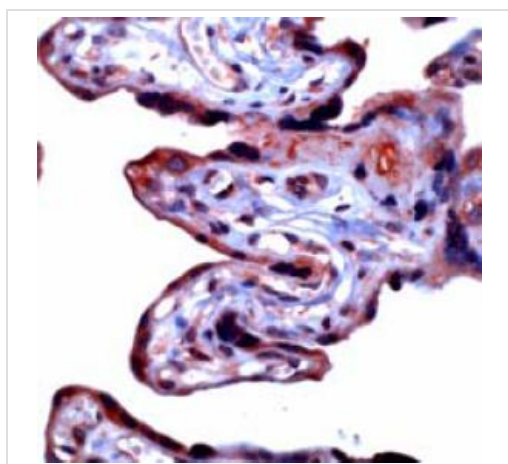
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|                              |  |
|------------------------------|--|
| <b>Function</b>              | Can degrade fibronectin, laminin, gelatins of type I, III, IV, and V; collagens III, IV, X, and IX, and cartilage proteoglycans. Activates procollagenase.   |
| <b>Sequence similarities</b> | Belongs to the peptidase M10A family.<br>Contains 4 hemopexin-like domains.  |
| <b>Domain</b>                | The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc ion, thus inhibiting the enzyme. The dissociation of the cysteine from the zinc ion upon the activation-peptide release activates the enzyme. |
| <b>Cellular localization</b> | Secreted > extracellular space > extracellular matrix.   |

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## Images

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Ab32607, at a 1/50 dilution, staining MMP3 in formalin fixed paraffin embedded human placenta tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MMP3 antibody (ab32607)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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