

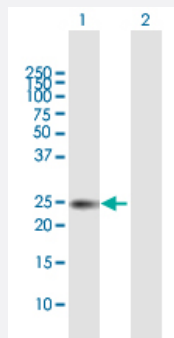
MaxPab®

# TIMP1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00007076-B01P

Size 50 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of TIMP1 expression in transfected 293T cell line ([H00007076-T02](#)) by TIMP1 MaxPab polyclonal antibody.

Lane 1: TIMP1 transfected lysate(23.20 KDa).

Lane 2: Non-transfected lysate.

## Specification

|                         |                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description     | Mouse polyclonal antibody raised against a full-length human TIMP1 protein.                                                                                                                                               |
| Immunogen               | TIMP1 (AAH00866.1, 1 a.a. ~ 207 a.a) full-length human protein.                                                                                                                                                           |
| Sequence                | MAPFEPLASGILLLLWLIAPSRACCTCVPPHPQTAFCSNDLVIRAKFVGTPEVNQTTLYQRYEIKMTK<br>MYKGFQALGDAADIRFVYTPAMESVCGYFHRSHNRSEEFLLAGKLQDGLLHITTCFVAPWNSLSL<br>AQRGFTKTYTVGCEECTVFPCLSIPCKLQSGTHCLWTDQLLQGSEKGFQSRHLACLPREGLC<br>TWQSLRSQIA |
| Host                    | Mouse                                                                                                                                                                                                                     |
| Reactivity              | Human                                                                                                                                                                                                                     |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                   |
| Storage Buffer          | In 1x PBS, pH 7.4                                                                                                                                                                                                         |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                  |

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[Protocol Download](#)

## Gene Info — TIMP1

Entrez GeneID [7076](#)

GeneBank Accession# [BC000866.1](#)

Protein Accession# [AAH00866.1](#)

Gene Name TIMP1

Gene Alias CLGI, EPA, EPO, FLJ90373, HCI, TIMP

Gene Description TIMP metalloproteinase inhibitor 1

Omim ID [305370](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene belongs to the TIMP gene family. The proteins encoded by this gene family are natural inhibitors of the matrix metalloproteinases (MMPs), a group of peptidases involved in degradation of the extracellular matrix. In addition to its inhibitory role against most of the known MMPs, the encoded protein is able to promote cell proliferation in a wide range of cell types, and may also have an anti-apoptotic function. Transcription of this gene is highly inducible in response to many cytokines and hormones. In addition, the expression from some but not all inactive X chromosomes suggests that this gene inactivation is polymorphic in human females. This gene is located within intron 6 of the synapsin I gene and is transcribed in the opposite direction. [provided by RefSeq]

**Other Designations** OTTHUMP00000023214|erythroid potentiating activity|fibroblast collagenase inhibitor|tissue inhibitor of metalloproteinase 1

## Disease

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- [Arthritis](#)
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- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Colitis](#)
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- [Coronary Disease](#)
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- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Disease Progression](#)
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- [Edema](#)
- [Endometrial Neoplasms](#)
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