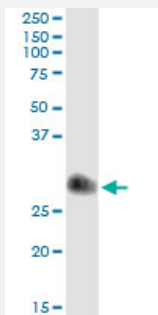


TIMP1 (Human) IP-WB Antibody Pair

Catalog # H00007076-PW1

Size 1 Set

Applications



Immunoprecipitation of TIMP1 transfected lysate using mouse monoclonal anti-TIMP1 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with rabbit polyclonal anti-TIMP1.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of TIMP1 transfected lysate using mouse monoclonal anti-TIMP1 and Protein A Magnetic Bead (U0007), and immunoblotted with rabbit polyclonal anti-TIMP1.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: mouse monoclonal anti-TIMP1 (300 ug) 2. Antibody pair for WB: rabbit polyclonal anti-TIMP1 (50 ul)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — TIMP1

Entrez GeneID [7076](#)

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

- [Alzheimer disease](#)
- [Aortic Aneurysm](#)
- [Arthritis](#)
- [Asthma](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Colitis](#)
- [Constriction](#)
- [Coronary Disease](#)
- [Crohn Disease](#)
- [Diabetes Complications](#)

- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Disease Progression](#)
- [Duodenal Ulcer](#)
- [Edema](#)
- [Endometrial Neoplasms](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Graft Occlusion](#)
- [Helicobacter Infections](#)
- [Hepatitis C](#)
- [Inflammation](#)
- [Intracranial Aneurysm](#)
- [Liver Cirrhosis](#)
- [Lymphoma](#)
- [Metabolic Syndrome X](#)
- [Metaplasia](#)
- [Myocardial Infarction](#)
- [Myopia](#)
- [Neoplasms](#)
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- [Ovarian Neoplasms](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Pulmonary Disease](#)

- [Recurrence](#)
- [Scleroderma](#)
- [Spondylitis](#)
- [Stomach Neoplasms](#)