

DNAxPAb

Hard-to-Find
Antibody

TIMP1 DNAxPab

Catalog # H00007076-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human TIMP1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAPFEPLASGILLLLWLIAPSRAC TVPPHPQTAF CNSDLVIRAKFVGTP EVNQTTLYQRYEIKMTK MYKGFQALGDAADIRFVYTPAMESVCGYFHRSHNRSEEF LIAGKLQDGLLHITCSFVAPWNSLSL AQRGFTKTYTVGCEECTVFPCL SIPCKLQSGTHCLWTDQLLQGSEKGFQSRHLACLPREPGLC TWQSLRSQIA
Host	Rabbit
Reactivity	Human
Purification	Protein A
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.

Applications

- Western Blot (Transfected lysate)
[Protocol Download](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

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

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