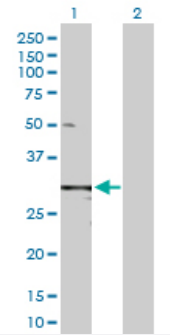
MaxPab®

TIMP1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00007076-D01P Size 100 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	Rabbit 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	MAPFEPLASGILLLLWLIAPSRACTCVPPHPQTAFCNSDLVIRAKFVGTPEVNQTTLYQRYEIKMTK MYKGFQALGDAADIRFVYTPAMESVCGYFHRSHNRSEEFLIAGKLQDGLLHITTCSFVAPWNSLSL AQRRGFTKTYTVGCEECTVFPCLSIPCKLQSGTHCLWTDQLLQGSEKGFQSRHLACLPREPGLC TWQSLRSQIA
Host	Rabbit
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#	NM_003254
Protein Accession#	AAH00866.1
Gene Name	TIMP1
Gene Alias	CLGI, EPA, EPO, FLJ90373, HCI, TIMP
Gene Description	TIMP metallopeptidase 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 i nhibitors 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 en coded 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 cytoki nes and hormones. In addition, the expression from some but not all inactive X chromosomes sug gests that this gene inactivation is polymorphic in human females. This gene is located within intro n 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 inhib itor 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
- Obstetric Labor
- Osteoporosis
- Ovarian Neoplasms
- Pre-Eclampsia
- Premature Birth
- Pulmonary Disease
- Recurrence
- Scleroderma
- Spondylitis
- Stomach Neoplasms