

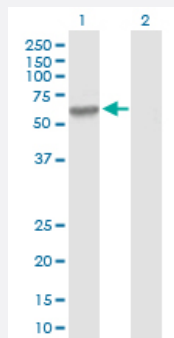
MaxPab®

MMP3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004314-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of MMP3 expression in transfected 293T cell line ([H00004314-T01](#)) by MMP3 MaxPab polyclonal antibody.

Lane 1: MMP3 transfected lysate (52.47 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human MMP3 protein.

Immunogen

MMP3 (NP_002413.1, 1 a.a. ~ 477 a.a) full-length human protein.

Sequence

MKSLPILLLLCVAVCSAYPLDGAARGEDTSMNLVQKYLENYDLKKDVKQFVRRKDSGPVVKKIR
EMQKFLGLEVTGKLDSDTLEV MRKPRCGVDPDVGHFRFTPGIPKWRKTHLTYRIVNYTPDLPKDAV
DSAVEKALKVWEEVTPLTFSRLYEGEADIMISFAVREHGDFYPFDGPGNVLAHAYAPGPGINGDA
HFDDDEQWTKD TTGTNLFLVAAHEIGHSLGLFHSANTEALMYPLYHSLTDLTRFRLSQDDINGIQSL
YGPPPDSPETPLVPTEPVPPEPGTPANCDPALSFDAVSTLRGEILIFKDRHFWRKSLRKLEPELH
LISSFWPSLPSGVDAAYEVTSKDLVFIFKGNQFWAIRGNEVRAGYPRGIHTLGFPTVRKIDAAISD
KEKNKTYFFVEDKYWRFDEKRNSMEPGFPGKQIAEDFPGIDSKIDAVFEEFGFFYFTGSSQLEFD
PNAKKVTHTLKSNSWLNC

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (77); Rat (75)

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 — MMP3

Entrez GeneID

[4314](#)

GeneBank Accession#

[NM_002422](#)

Protein Accession#

[NP_002413.1](#)

Gene Name

MMP3

Gene Alias

CHDS6, MGC126102, MGC126103, MGC126104, MMP-3, SL-1, STMY, STMY1, STR1

Gene Description

matrix metalloproteinase 3 (stromelysin 1, progelatinase)

Omim ID

[185250](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. This gene encodes an enzyme which degrades fibronectin, laminin, collagens III, IV, IX, and X, and cartilage proteoglycans. The enzyme is thought to be involved in wound repair, progression of atherosclerosis, and tumor initiation. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. [provided by RefSeq]

Other Designations

matrix metalloproteinase 3|matrix metalloproteinase 3 (stromelysin 1, progelatinase)|progelatinase|proteoglycanase|stromelysin 1|transin-1

Disease

- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Adenomatous Polyps](#)
- [Aggressive Periodontitis](#)
- [alpha 1-Antitrypsin Deficiency](#)
- [Alpha-1-antitrypsin deficiency](#)
- [Alveolar Bone Loss](#)
- [Alzheimer disease](#)
- [Amyotrophic lateral sclerosis](#)
- [Aneurysm](#)
- [Angina](#)
- [Angina Pectoris](#)
- [Aortic Aneurysm](#)
- [Aortic Diseases](#)
- [Arterial Occlusive Diseases](#)
- [Arthritis](#)
- [Astrocytoma](#)
- [Atherosclerosis](#)
- [Bipolar Disorder](#)
- [Brain Infarction](#)
- [Brain Ischemia](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)

- [Breast Neoplasms](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery](#)
- [Carotid Artery Diseases](#)
- [Carotid Stenosis](#)
- [Celiac Disease](#)
- [Cerebral Arterial Diseases](#)
- [Cerebral Infarction](#)
- [Cerebral Palsy](#)
- [Cerebrovascular Accident](#)
- [Cholangitis](#)
- [Chorioamnionitis](#)
- [Chronic Disease](#)
- [Chronic Periodontitis](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colitis](#)
- [Colorectal Neoplasms](#)
- [Connective Tissue Diseases](#)
- [Constriction](#)
- [Coronary Aneurysm](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)

- [Coronary Restenosis](#)
- [Coronary Stenosis](#)
- [Coronary Vasospasm](#)
- [Crohn Disease](#)
- [Death](#)
- [Dementia](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Duodenal Ulcer](#)
- [Edema](#)
- [Endometrial Neoplasms](#)
- [Endometriosis](#)
- [Esophageal Neoplasms](#)
- [Exfoliation Syndrome](#)
- [Fetal Diseases](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Gingival Overgrowth](#)
- [Glaucoma](#)
- [Graft Occlusion](#)
- [Head and Neck Neoplasms](#)
- [Heart Failure](#)
- [Helicobacter Infections](#)

- [Hepatitis B](#)
- [Hepatitis C](#)
- [Hypercholesterolemia](#)
- [Hyperlipidemias](#)
- [Hypertension](#)
- [Hypertrophy](#)
- [Infection](#)
- [Inflammation](#)
- [Intervertebral Disk Displacement](#)
- [Intracranial Arteriosclerosis](#)
- [Intracranial Hemorrhages](#)
- [Kidney Failure](#)
- [Kidney Neoplasms](#)
- [Leukoaraiosis](#)
- [Liver Cirrhosis](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lymphatic Metastasis](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Metabolic Syndrome X](#)
- [Migraine Disorders](#)
- [Mitral Valve Insufficiency](#)

- [Mitral Valve Prolapse](#)
- [Mouth Neoplasms](#)
- [Mucocutaneous Lymph Node Syndrome](#)
- [Multiple Sclerosis](#)
- [Musculoskeletal Diseases](#)
- [Myocardial Infarction](#)
- [Myopia](#)
- [Nasopharyngeal Neoplasms](#)
- [Neoplasm Invasiveness](#)
- [Neoplasms](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Occupational Diseases](#)
- [Oral Submucous Fibrosis](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Parkinson disease](#)
- [Periodontal Attachment Loss](#)
- [Periodontal Pocket](#)
- [Periodontitis](#)
- [Peripheral Vascular Diseases](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Psychiatric Status Rating Scales](#)

- [Pulmonary Disease](#)
- [Recurrence](#)
- [Renal Insufficiency](#)
- [Rheumatoid Nodule](#)
- [Schizophrenia](#)
- [Scoliosis](#)
- [Skin Diseases](#)
- [Skin Neoplasms](#)
- [Spinal Diseases](#)
- [Spondylitis](#)
- [Stomach Neoplasms](#)
- [Stomach Ulcer](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Syndrome](#)
- [Tendinopathy](#)
- [Thrombosis](#)
- [Urinary Bladder Neoplasms](#)
- [Urinary Incontinence](#)
- [Varicose Veins](#)
- [Vascular Diseases](#)
- [Ventricular Dysfunction](#)
- [Werner syndrome](#)