

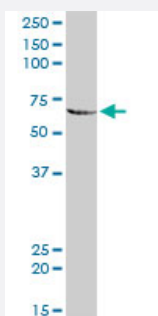
MaxPab®

MMP3 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004314-D01P

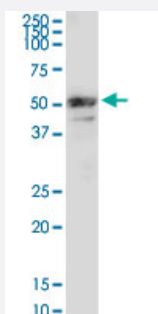
Size 100 ug

Applications



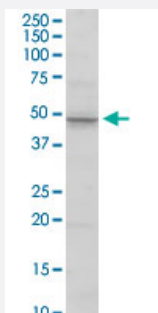
Western Blot (Tissue lysate)

MMP3 MaxPab rabbit polyclonal antibody. Western Blot analysis of MMP3 expression in human stomach.



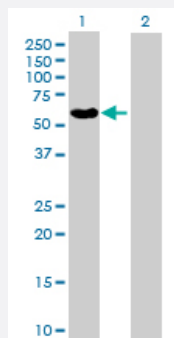
Western Blot (Tissue lysate)

MMP3 MaxPab rabbit polyclonal antibody. Western Blot analysis of MMP3 expression in human kidney.



Western Blot (Cell lysate)

MMP3 MaxPab rabbit polyclonal antibody. Western Blot analysis of MMP3 expression in MCF-7.



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(54.00 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit 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	MKSLPILLLLCVAVCSAYPLDGAARGEDTSMNLVQKYLENYDLKKDKVKQFVRRKDSSGPVVKKIR EMQKFLGLEVTGKLDSDTLEVMRKPRCGVPDVGHFRTFPGIPKWRKTHLTYRIVNYTPDLPKDAV DSAVEKALKVWEEVTPLTFSRLYEGEADIMISFAVREHGDFYPFDGPGNVLAHAYAPGPGINGDA HFDDDEQWTKDTTGTNLFLVAAHEIGHSLGLFHSAANTEALMYPLYHSLTDLTRFRLSQDDINGIQL YGPSPDSETPPLVPTPEVPPEPGTPANCDPALSFDVSTLRGEILFKDRHFWRKSLRKLEPELH LISSFWPSLPSGVDAAYEVTSKDLVFIFKGNQFWAIRGNEVRAGYPRGIHTLGFPPTVRKIDAAISD KEKNKTYFFVEDKYWRFDEKRNSMEPGFPKQIAEDFPGIDSKIDAVFEFEGFFYFTGSSQLEFD PNAKKVTHTLKSNSWLNC
Host	Rabbit
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.

Applications

● Western Blot (Tissue lysate)

MMP3 MaxPab rabbit polyclonal antibody. Western Blot analysis of MMP3 expression in human stomach.

[Protocol Download](#)

- Western Blot (Tissue lysate)

MMP3 MaxPab rabbit polyclonal antibody. Western Blot analysis of MMP3 expression in human kidney.

[Protocol Download](#)

- Western Blot (Cell lysate)

MMP3 MaxPab rabbit polyclonal antibody. Western Blot analysis of MMP3 expression in MCF-7.

[Protocol Download](#)

- Western Blot (Transfected lysate)

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

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Lane 2: Non-transfected lysate.

[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](#)
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- [Cleft Palate](#)
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- [Coronary Restenosis](#)
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- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
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- [Endometriosis](#)
- [Esophageal Neoplasms](#)
- [Exfoliation Syndrome](#)
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- [Graft Occlusion](#)
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- [Heart Failure](#)

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- [Hepatitis C](#)
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- [Hyperlipidemias](#)
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- [Hypertrophy](#)
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- [Inflammation](#)
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- [Intracranial Arteriosclerosis](#)
- [Intracranial Hemorrhages](#)
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- [Recurrence](#)
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- [Stomach Ulcer](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Syndrome](#)
- [Tendinopathy](#)
- [Thrombosis](#)
- [Urinary Bladder Neoplasms](#)
- [Urinary Incontinence](#)
- [Varicose Veins](#)
- [Vascular Diseases](#)
- [Ventricular Dysfunction](#)
- [Werner syndrome](#)