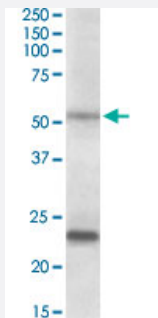


MMP3 polyclonal antibody

Catalog # PAB27568

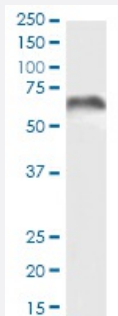
Size 100 ug

Applications



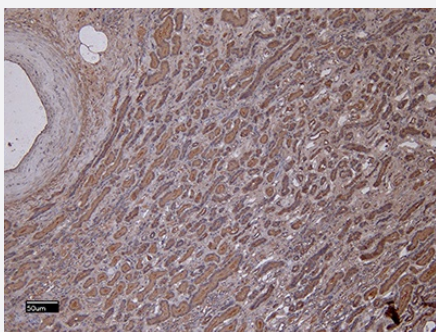
Western Blot (Tissue lysate)

MMP3 polyclonal antibody (Cat # PAB27568) (0.2ug/ml) staining of prostate lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blot (Cell lysate)

MMP3 polyclonal antibody (Cat # PAB27568) (0.3 ug/mL) staining of Mouse Eye lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

MMP3 polyclonal antibody (Cat # PAB27568) (6 ug/mL) staining of paraffin embedded Human Kidney. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.

Specification

Product Description

Goat polyclonal antibody raised against synthetic peptide of MMP3.

Immunogen

A synthetic peptide corresponding to amino acids 459-473 at C-terminus of human MMP3.

Sequence	DPNAKKVTHTLKSNS
Host	Goat
Theoretical MW (kDa)	52
Reactivity	Human
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:128000) Immunohistochemistry (4-6 ug/mL) Western Blot (0.1-0.3ug/ml) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

MMP3 polyclonal antibody (Cat # PAB27568) (0.2ug/ml) staining of prostate lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Western Blot (Cell lysate)

MMP3 polyclonal antibody (Cat # PAB27568) (0.3 ug/mL) staining of Mouse Eye lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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MMP3 polyclonal antibody (Cat # PAB27568) (6 ug/mL) staining of paraffin embedded Human Kidney. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — MMP3

Entrez GeneID

[4314](#)

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](#)
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- [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](#)
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- [Dementia](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
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- [Edema](#)
- [Endometrial Neoplasms](#)

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- [Fetal Membranes](#)
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- [Hepatitis C](#)
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- [Hyperlipidemias](#)
- [Hypertension](#)
- [Hypertrophy](#)
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- [Inflammation](#)
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- [Intracranial Hemorrhages](#)
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- [Liver Neoplasms](#)
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- [Rheumatoid Nodule](#)
- [Schizophrenia](#)
- [Scoliosis](#)
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- [Skin Neoplasms](#)
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- [Spondylitis](#)
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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](#)