

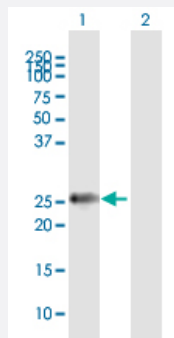
MaxPab®

MMP7 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00004316-D01

Size 100 uL

Applications

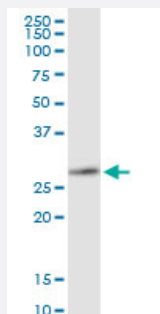


Western Blot (Transfected lysate)

Western Blot analysis of MMP7 expression in transfected 293T cell line ([H00004316-T01](#)) by MMP7 MaxPab polyclonal antibody.

Lane 1: MMP7 transfected lysate(29.70 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of MMP7 transfected lysate using anti-MMP7 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with MMP7 purified MaxPab mouse polyclonal antibody (B01P) ([H00004316-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human MMP7 protein.

Immunogen

MMP7 (NP_002414.1, 1 a.a. ~ 267 a.a) full-length human protein.

Sequence

MRLTVLCAVCLLPGLSLALPLPQEAGGMSELQWEQAQDYLRFYLYDSETKNANSLEAKLKEMQK
FFGLPITGMLNSRVIEIMQKPRCGVPDVAEYSLFPNSPKWTSKVVYTRIVSYTRDLPHTVDRLVSK
ALNMWGKEIPLHFRKVVWGTADIMIGFARGAHGDSYPFDGPGNTLAHAFAPGTGLGGDAHFDED
ERWTDGSSLGINFLYAATHELGHSLGMGHSSDPNAVVMYPTYGNGDPQNFKLSQDDIKGIQKLYGK
RSNSRKK

Host

Rabbit

Reactivity	Human
Interspecies Antigen Sequence	Mouse (70); Rat (70)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — MMP7

Entrez GeneID	4316
GeneBank Accession#	NM_002423
Protein Accession#	NP_002414.1
Gene Name	MMP7
Gene Alias	MMP-7, MPSL1, PUMP-1
Gene Description	matrix metalloproteinase 7 (matrilysin, uterine)
Omim ID	178990
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. The enzyme encoded by this gene degrades proteoglycans, fibronectin, elastin and casein and differs from most MMP family members in that it lacks a conserved C-terminal protein domain. The enzyme is involved in wound healing, and studies in mice suggest that it regulates the activity of defensins in intestinal mucosa. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. [provided by RefSeq]

Other Designations

matrin|matrix metalloproteinase 7|matrix metalloproteinase 7 (matrilysin, uterine)|uterine matrilysin

Pathway

- [Wnt signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Adenomatous Polyps](#)
- [Arthritis](#)
- [Astrocytoma](#)
- [Atherosclerosis](#)
- [Atrophy](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchiolitis Obliterans](#)
- [Carcinoma](#)
- [Chorioamnionitis](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Disease Progression](#)

- [Duodenal Ulcer](#)
- [Endometrial Neoplasms](#)
- [Endometriosis](#)
- [Esophageal Neoplasms](#)
- [Fetal Membranes](#)
- [Gastritis](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Heart Neoplasms](#)
- [Helicobacter Infections](#)
- [Hepatitis C](#)
- [Hypercholesterolemia](#)
- [Liver Cirrhosis](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Lymphatic Metastasis](#)
- [Mucocutaneous Lymph Node Syndrome](#)
- [Multiple Sclerosis](#)
- [Nasopharyngeal Neoplasms](#)
- [Neoplasm Invasiveness](#)
- [Neoplasm Metastasis](#)
- [Neoplasms](#)
- [Obstetric Labor](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Precancerous Conditions](#)

- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Stomach Neoplasms](#)
- [Stomach Ulcer](#)
- [Thyroid Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)