

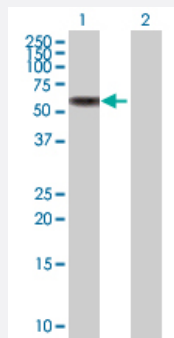
MaxPab®

MMP8 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004317-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of MMP8 expression in transfected 293T cell line ([H00004317-T01](#)) by MMP8 MaxPab polyclonal antibody.

Lane 1: MMP8 transfected lysate(53.40 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human MMP8 protein.

Immunogen

MMP8 (NP_002415.1, 1 a.a. ~ 467 a.a) full-length human protein.

Sequence

MFSLKTLPLLLLLHVQISKAFPVSSKEKNTKTVQDYLEKFYQLPSNQYQSTRKNGTNVIVEKLKEM
QRFFGLNVTGKPNEETLDMMKKPRCGVPDSSGGFMLTPGNPKWERTNLTYRIRNYTPQLSEAEVE
RAIKDAFELWSVASPLIFTRISQGEADINIAFYQRDHGDNSPFDGPNGLAHAFQPGQGIGGDAHFD
AEETWTNTSANYNLFLVAAHEFGHSLGLAHSSDPGALMYPNYAFRETSNYSLPQDDIDGIQAIYGL
SSNPIQPTGPSTPKPCDPSLTFDAITTLRGEILFFKDRYFWRRHPLQQRVEMNFISLFWPSLPTGIQ
AAYEDFDRDLIFLFGKNQYWALSGYDILQGYPKDISNYGFPSSVQAIDAAVFYRSKTYFFVNDQFW
RYDNQRQFMPEGYPKSISGAFFGIESKVDVAFQQEHFFHVFSGPRYYAFDLIAQRVTRVARGNKW
LNCRYG

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence

Mouse (74); Rat (72)

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 (Transfected lysate)

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[Protocol Download](#)

Gene Info — MMP8

Entrez GeneID

[4317](#)

GeneBank Accession#

[NM_002424](#)

Protein Accession#

[NP_002415.1](#)

Gene Name

MMP8

Gene Alias

CLG1, HNC, PMNL-CL

Gene Description

matrix metalloproteinase 8 (neutrophil collagenase)

Omim ID

[120355](#)

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. However, the enzyme encoded by this gene is stored in secondary granules within neutrophils and is activated by autolytic cleavage. Its function is degradation of type I, II and III collagens. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. [provided by RefSeq]

Other Designations

PMNL collagenase|matrix metalloproteinase 8|matrix metalloproteinase 8 (neutrophil collagenase)|neutrophil collagenase

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchiectasis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Connective Tissue Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Fetal Diseases](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Infection](#)
- [Inflammation](#)
- [Intervertebral Disk Displacement](#)
- [Liver Cirrhosis](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Lymphatic Metastasis](#)
- [Malignant melanoma](#)

- [Melanoma](#)
- [Mouth Neoplasms](#)
- [Musculoskeletal Diseases](#)
- [Neoplasm Invasiveness](#)
- [Obstetric Labor](#)
- [Oral Submucous Fibrosis](#)
- [Precancerous Conditions](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Skin Diseases](#)
- [Skin Neoplasms](#)
- [Stomach Neoplasms](#)
- [Urinary Bladder Neoplasms](#)