

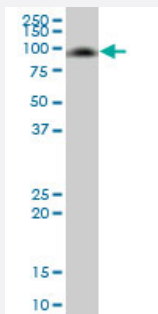
MaxPab®

MMP8 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004317-B01P

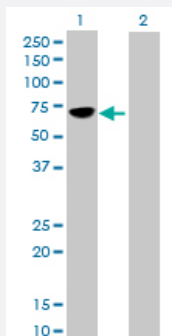
Size 50 ug

Applications



Western Blot (Tissue lysate)

MMP8 MaxPab polyclonal antibody. Western Blot analysis of MMP8 expression in human liver.



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(51.37 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse 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

MFSLKTLPFLLLLHVQISKAFPVSSKEKNTKTVQDYLEKFYQLPSNQYQSTRKNGTNVVEKLKEM
QRFFGLNVTGKPNEETLDMKKPRCGVPDSSGGFMLTPGNPKWERTNLTYRINYTPQLSEAEVE
RAIKDAFELWSVASPLIFTRISQGEADINAFYQRDHGDNPSFDGPNGLAHAFQPGQGIGGDAHFD
AEETWTNTSANYNLFLVAAHEFGHSLGLAHSSDPGALMYPNYAFRETSNYSLPQDDIDGIQAIYGL
SSNPIQPTGTPSTPKPCDPSLTFDAITTLRGEILFFKDRIYFWRHPQLQRVEMNFISLFWPSLPTGIQ
AAYEDFDRDLIFLFKGNQYWALSGYDILQGYPKDISNYGFPSSVQAIDAAVFYRSKTYFFVNDQFW
RYDNQRQFMPEGYPKSISGAFFPGIESKVDVAFQQEHFFHVFSGPRYYAFDLIAQRVTRVARGNKW
LNCRYG

Host	Mouse
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 (Tissue lysate)

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[Protocol Download](#)

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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 metallopeptidase 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](#)
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