

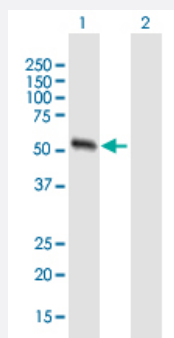
MaxPab®

MMP13 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004322-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of MMP13 expression in transfected 293T cell line ([H00004322-T01](#)) by MMP13 MaxPab polyclonal antibody.

Lane 1: MMP13 transfected lysate (51.81 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human MMP13 protein.

Immunogen

MMP13 (NP_002418, 1 a.a. ~ 471 a.a) full-length human protein.

Sequence

MHPGVLA AFLFLSWTHCRALPLPSGGDEDDLSEEDLQFAERYLRSYYHPTNLAGILKENAASSMT
ERLREMQSF FGLEVTGKLDDNTLDVMKKPRCGVPDVGEYNVFPRTLKWSKMNLTYRINYTPDM
THSEVEKAFKKAFKVWSDVTPLNFTRLHDGIADIMISFGIKEHGDFYPFDGPSGLLAHAFPPGPNY
GGDAHFD DDETTWSSSKGYNLFLVAAHEFGHSLGLDHSKDPGALMFPIYTYTGKSHFMLPDDDDV
QQIQSLYGP GDEDPNPKHPKTPDKCDPSLSLDAITSLRGETMIFKDRFFWRLHPQQVDAELFLTK
SFWPELPNRIDAAYEHPSHDLIIFRGRKFWALNGYDILEGYPKKISELGLPKEVKKISA AVHFEDTG
KTLFSGNQVWRYDDTNHIMDKDYPR LIEEDFP GIGDKVDAVYEKNGYIYFFNGPIQFEYSWSNRIV
RVMPANSILWC

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (87); Rat (86)

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)

Western Blot analysis of MMP13 expression in transfected 293T cell line ([H00004322-T01](#)) by MMP13 MaxPab polyclonal antibody.

Lane 1: MMP13 transfected lysate(51.81 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — MMP13

Entrez GeneID[4322](#)**GeneBank Accession#**[NM_002427](#)**Protein Accession#**[NP_002418](#)**Gene Name**

MMP13

Gene Alias

CLG3

Gene Description

matrix metalloproteinase 13 (collagenase 3)

Omim ID[600108 602111](#)**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 protein encoded by this gene cleaves type II collagen more efficiently than types I and III. It may be involved in articular cartilage turnover and cartilage pathophysiology associated with osteoarthritis. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. [provided by RefSeq]

Other Designations

collagenase 3|matrix metalloproteinase 13|matrix metalloproteinase 13 (collagenase 3)

Disease

- [Adenocarcinoma](#)
- [Alveolar Bone Loss](#)
- [Aortic Aneurysm](#)
- [Arteriosclerosis](#)
- [Arthritis](#)
- [Atherosclerosis](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Chronic Periodontitis](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Endometriosis](#)
- [Esophageal Neoplasms](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Gingival Hemorrhage](#)
- [Heart Neoplasms](#)

- [Hepatitis C](#)
- [Intervertebral Disk Displacement](#)
- [Liver Cirrhosis](#)
- [Lung Neoplasms](#)
- [Mouth Neoplasms](#)
- [Mucocutaneous Lymph Node Syndrome](#)
- [Nasopharyngeal Neoplasms](#)
- [Neoplasms](#)
- [Obstetric Labor](#)
- [Osteomyelitis](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Periodontal Attachment Loss](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Stomach Neoplasms](#)