

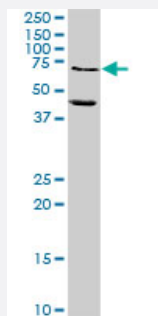
MaxPab®

MMP10 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004319-D01P

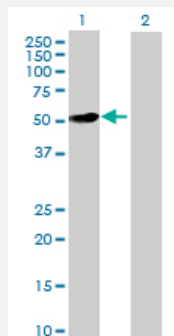
Size 100 ug

Applications



Western Blot (Tissue lysate)

MMP10 MaxPab rabbit polyclonal antibody. Western Blot analysis of MMP10 expression in mouse lung.



Western Blot (Transfected lysate)

Western Blot analysis of MMP10 expression in transfected 293T cell line ([H00004319-T01](#)) by MMP10 MaxPab polyclonal antibody.

Lane 1: MMP10 transfected lysate(54.20 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human MMP10 protein.

Immunogen

MMP10 (NP_002416.1, 1 a.a. ~ 476 a.a) full-length human protein.

Sequence

MMHLAFLVLLCLPVCSAYPLSGAAKEEDSNKDLAQQYLEKYNNLEKDVKQFRRKDSNLMVKKIQQ
MQKFLGLEVTGKLDTDTEVMRKPRCGVPDVGHFSSFGMPKWRKTHLTIRVNYTPDLPRDAV
DSAIEKALKVWEEVTPLTFSRLYEGEADIMISFAVKEHGFYSFDGPGHSLAHAYPPGPLYGDIH
FDDDEKWTEDASGTNLFVAAHELGHSLGLFHSANTEALMYPLYSNFTELAQFRLSQDDVNGIQS
LYGPPPASTEELVPTKSVPSGSEMPAKCDPALSFDAISTLRGEYLFFKDRIYFRRSHWNPEPE
FHLISAFWPSLPSYLDAAEYVNSRDTVFIFKGNFVWIRGNEVQAGYPRGIHTLGFPTIRKIDAAVS
DKEKKKTYFFAADKYWRFDENSQSMEQGFPRLIADDFPGVEPKVDAVLQAFGFFYFFSGSSQF
EFDPNARMVTHILKSNSWLHC

Host	Rabbit
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (76)
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.

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[Protocol Download](#)

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Gene Info — MMP10

Entrez GeneID	4319
GeneBank Accession#	NM_002425
Protein Accession#	NP_002416.1
Gene Name	MMP10
Gene Alias	SL-2, STMY2
Gene Description	matrix metallopeptidase 10 (stromelysin 2)
Omim ID	185260
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 and fibronectin. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. [provided by RefSeq]

Other Designations

matrix metalloprotease 10|matrix metalloproteinase 10|matrix metalloproteinase 10 (stromelysin 2)|stromelysin 2|transin 2

Disease

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- [Aortic Aneurysm](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
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