

Datasheet

MMP12 purified MaxPab mouse polyclonal antibody (B01P)

Catalog Number: H00004321-B01P

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a full-length human MMP12 protein.

Immunogen: MMP12 (NP_002417.2, 1 a.a. ~ 470 a.a) full-length human protein.

Sequence:

MKFLILLLLQATASGALPLNSSTSLEKNNVLFGERYLEK
FYGLEINKLPVTKMKYSGNLMKEKIQEMQHFLGLKVTG
QLDTSTLEMMHAPRCGVPDVHHFREMPGGPVWRKH
YITYRINNYTPDMNREDVDYAIRKAFQVWSNVTPKF
KINTGMADILVVFARGAHGDFHAFDGKGGILAHAFGPG
SGIGGDAHFEDEFWTHSGGTNLFLTAVHEIGHSLG
LGHSSDPKAVMFPTYKYVDINTFRLSADDIRGIQSLYG
DPKENQRLPNPDNSEPALCDPNLSFDAVTTVGNKIFF
KDRFFWLKVSRPKTSVNLISLWPTLPSGIEAAEIEA
RNQVFLFKDDKYWLISNLRPEPNYPKSIHSFGFPNFVK
KIDAAVFNPRFYRTYFFVDNQYWRYDERRQMMDPGY
PKLITKNFQGIGPKIDAVFYSKNKYYYFFQGSNQFEYD
FLLQRITKTLKSNSWFGC

Host: Mouse

Reactivity: Human

Applications: Det Ab, WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4321

Gene Symbol: MMP12

Gene Alias: HME, MGC138506, MME

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. It is thought that the protein encoded by this gene is cleaved at both ends to yield the active enzyme, but this processing has not been fully described. The enzyme degrades soluble and insoluble elastin. It may play a role in aneurysm formation and studies in mice suggest a role in the development of emphysema. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. [provided by RefSeq]