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Datasheet

MMP7 purified MaxPab mouse polyclonal antibody (B01P)

Catalog Number: H00004316-B01P

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a full-length human MMP7 protein.

Immunogen: MMP7 (NP_002414.1, 1 a.a. ~ 267 a.a) full-length human protein.

Sequence:
MRLTVLCAVCLLPGSLALPLPQEAGGMSELQWEQAQ
DYLKRFYLYDSETKNANSLEAKLKEMQKFFGLPITGML
NSRVIEIMQKPRCGVPDVAEYSLFPNSPKWTSKVVTY
RIVSYTRDLPHITVDRLVSKALNMWGKEIPLHFRKVVW
GTADIMIGFARGAHGDSYPFDGPGNTLAHAFAPGTGL
GGDAHFDEDERWTDGSSLGINFLYAATHELGHSLGM
GHSSDPNAVMYPTYGNGDPQNFKLSQDDIKGIQKLYG
KRSNSRKK

Host: Mouse

Reactivity: Human

Applications: 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: 4316

Gene Symbol: MMP7

Gene Alias: MMP-7, MPSL1, PUMP-1

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, fibronectin, elastin and casein and differs from most MMP family members in that it lacks a conserved C-terminal protein domain. The enzyme is involved in wound healing, and studies in mice suggest that it regulates the activity of defensins in intestinal mucosa. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. [provided by RefSeq]