



MMP7 Polyclonal Antibody

E90695

Catalog Number: E90695**Amount:** 100ul

Background: The matrix metalloproteinases (MMPs) are a family of proteases that target many extracellular proteins including other proteases, growth factors, cell surface receptors and adhesion molecules (1). Among the family members, MMP-2, MMP-3, MMP-7 and MMP-9 have been characterized as important factors for normal tissue remodeling during embryonic development, wound healing, tumor invasion, angiogenesis, carcinogenesis and apoptosis (2-4). MMP activity correlates with cancer development (2). One mechanism of MMP regulation is transcriptional (5). Once synthesized, MMP exists as a latent proenzyme. Maximum MMP activity requires proteolytic cleavage to generate active MMPs by releasing the inhibitory propeptide domain from the full length protein (5).

Species: Rabbit**Isotype:** IgG

Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonyms: MMP7;MMP-7;MPSL1;PUMP-1 ;**Immunogen:** Recombinant protein of human MMP7**Purification:** Affinity purification**Reactivity:** H M R**Applications:** WB IHC**Molecular Weight:** 29kDa**Swiss-Prot No. :** P09237**Gene ID:** 4316

References: 1. McCawley, L.J. and Matrisian, L.M. (2001) Curr. Opin. Cell Biol. 13, 534-540. 2. Coussens, L.M. et al. (2002) Science 295, 2387-2391. 3. Sternlicht, M.D. et al. (1999) Cell 98, 137-146. 4. Vu, T.H. et al. (1998) Cell 93, 411-422. 5. Nagase, H. et al. (1990) Biochemistry 29, 5783-5789.

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