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MMP13 Rabbit pAb

货号: AYP11328

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** Rattus norvegicus , Mus musculus , Homo sapiens **IHC:** Mus musculus , Homo sapiens
应用	WB
推荐浓度	**WB:** 1:1000 - 1:5000 **IF/ICC:** 1:50 - 1:200 **IHC :** 1:50 - 1:200
理论分子量	53kDa
实测分子量	65-70KDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T,PC-3,Mouse kidney
细胞定位	Secreted,extracellular matrix,extracellular space
纯化	Affinity purification

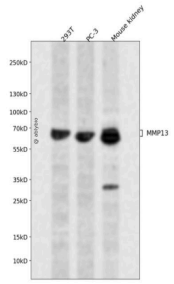
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 262-471 of human MMP 13 (NP_002418.1).

靶点信息

研究背景	This gene encodes a member of the peptidase M10 family of matrix metalloproteinases (MMPs). Proteins in this 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. The encoded preproprotein is proteolytically processed to generate the mature protease. This protease 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. Mutations in this gene are associated with metaphyseal anadysplasia. This gene is part of a cluster of MMP genes on chromosome 11.
基因ID	4322
基因名	MMP13
Swiss	P45452 (https://www.uniprot.org/uniprotkb/P45452/entry)
别名	MMP13,CLG3,MANDP1,MDST,MMP-13,MMP13 Rabbit pAb,Matrix metalloproteinase-13

产品验证



Western blot analysis of MMP13 expressed in 293T,PC-3,Mouse kidney using MMP13 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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