

基质金属蛋白酶 6 抗体

产品货号： mlR17687

英文名称： MMP6/MPHOSPH6

中文名称： 基质金属蛋白酶 6 抗体

别名： M phase phosphoprotein 6; M phase phosphoprotein 6 variant; M-phase phosphoprotein 6; MT-MMP-6; MMP 6; MMP; MPH6_HUMAN; MPHOSH6; MPHOSPH 6; Mphosph6; MPP 6; MPP; MPP6.

研究领域： 细胞生物 细胞粘附分子 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Cow, Rabbit, Sheep,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 19kDa

细胞定位： 细胞核 细胞浆

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human MMP6:1-80/160

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed : PubMed

产品介绍 : The matrix metalloproteinases (MMPs) are a family of peptidase enzymes responsible for the degradation of extracellular matrix components, including collagen, gelatin, Fibronectin, Laminin and proteoglycan. MMP catalysis requires both calcium and zinc. Membrane-type matrix metalloproteinases are type I membrane proteins that function to activate other MMPs. MT-MMP activation appears to be mediated by members of the proprotein convertase family, suggesting that a proprotein convertase/MT-MMP/MMP cascade may be involved in the regulation of ECM turnover. MT-MMP-6 (also known as MMP-25, MT6-MMP or Leukolysin) is the second GPI-anchored proteinase in the MMP family. Similar to MMP-3, MT-MMP-6 is able to cleave type IV collagen, Fibronectin, fibrin and gelatin. However, MT-MMP-6 cannot cleave Laminin-1 or activate progelatinase B. MT-MMP 6 is expressed in leukocytes, lung and spleen

Function:

RNA-binding protein that associates with the RNA exosome complex. Involved in the 3'processing of the 7S pre-RNA to the mature 5.8S rRNA and may play a role in recruiting the RNA exosome complex to pre-rRNA; this function may include C1D.

Subunit:

Associates with the RNA exosome complex, probably mediated by EXOSC10. Interacts with ARHGAP18, EXOSC10 and SKIV2L2.

Subcellular Location:

Nucleus > nucleolus. Cytoplasm. Cytoplasmic in M phase.

Post-translational modifications:

Phosphorylated in M (mitotic) phase.

Similarity:

Belongs to the MPP6 family.

SWISS:

Q99547

Gene ID:

10200

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

