

MMP9 Rabbit mAb

Catalog # AP75732

Product Information

Application	WB, IHC-P, IP
Primary Accession	P41245
Reactivity	Rat, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	80535

Additional Information

Gene ID	17395
Other Names	Mmp9
Dilution	WB~~1:500-1:1000 IHC-P~~N/A IP~~1:20
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

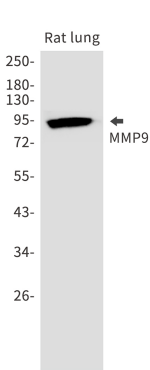
Protein Information

Name	Mmp9
Synonyms	Clg4b
Function	Matrix metalloproteinase that plays an essential role in local proteolysis of the extracellular matrix and in leukocyte migration (By similarity). Could play a role in bone osteoclastic resorption (PubMed: 8132709). Cleaves KiSS1 at a Gly- -Leu bond (By similarity). Cleaves NINJ1 to generate the Secreted ninjurin-1 form (PubMed: 23142597 , PubMed: 32883094). Cleaves type IV and type V collagen into large C-terminal three quarter fragments and shorter N-terminal one quarter fragments. Degrades fibronectin but not laminin or Pz- peptide (By similarity).
Cellular Location	Secreted, extracellular space, extracellular matrix {ECO:0000250 UniProtKB:P14780}

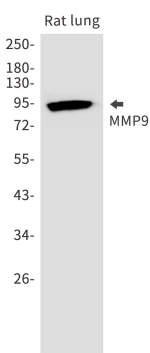
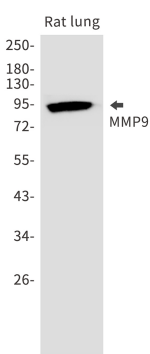
Background

Matrix metalloproteinase that plays an essential role in local proteolysis of the extracellular matrix and in leukocyte migration.

Images



Western blot analysis of MMP9 in rat lung lysates using MMP9 antibody.



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