

Summary

Production Name	MMP-23 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	MMP23A MMP23A; MMP21; MMP23B; MMP21; MMP22; Matrix metalloproteinase-23; MMP-23;
Alternative Names	Femalysin; MIFR-1; Matrix metalloproteinase-21; MMP-21; Matrix metalloproteinase-22; MMP-22
Gene ID	8510.0
SwissProt ID	O75900.The antiserum was produced against synthesized peptide derived from human MMP-23. AA range:341-390

Application

Dilution Ratio	WB 1:500-2000 ELISA 2000-20000
Molecular Weight	44kD

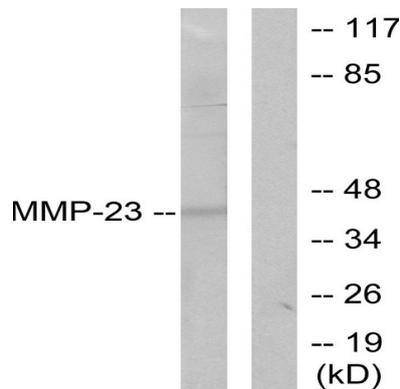
Background

This gene (MMP23B) encodes a member of the matrix metalloproteinase (MMP) family, and it is part of a duplicated region of chromosome 1p36.3. 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. This gene belongs to the more telomeric copy of the duplicated region. [provided by RefSeq, Jul 2008],cofactor: Binds 1 zinc ion per subunit.,enzyme regulation: Inhibited by TIMP2.,function: Protease.,PTM: N-glycosylated.,PTM: Proteolytic cleavage might yield an active form.,similarity: Belongs to the peptidase M10A family.,similarity: Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,subcellular location: A secreted form produced by proteolytic cleavage seems also to exist.,tissue specificity: Predominantly expressed in ovary, testis and prostate.,

Research Area

Angiogenesis

Image Data



Note

For research use only.