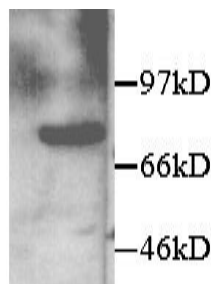


Mmp2

Rabbit Anti-Rat MMP2/Matrix metalloproteinase 2 pAb

Catalog No.	CPM600AF	Quantity:	200 µg
Alternate Names:	72 KDa type IV collagenase, gelatinase A, matrix metalloproteinase 2		
Description:	The mammalian matrix metalloproteinases (MMPs) degrade extracellular matrix in physiological and pathological processes. After cleavage of a signal peptide domain of about 20 amino acids, the MMPs are secreted in latent forms. Upon activation, the N-terminal propeptide domain is cleaved to generate the active forms of MMP. MMP-2 (72 kDa type IV collagenase, Gelatinase-A) contains the basic structure of propeptide, catalytic, and hemopexin domains. It is an important proteinase in tissue remodeling.		
Gene ID:	81686		
Specificity:	Rat MMP-2		
Host:	Rabbit		
Immunogen:	Recombinant rat 72 kDa type IV collagenase (catalytic domain)		
Isotype:	IgG		
Formulation:	Azide free, lyophilized.		
Purification:	Protein A purified		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute to 1 mg/ml by adding 200 µl H ₂ O.		
Cross-Reactivity:	No cross-reactivity with other MMP family members. Cross-reactivity to MMP-2 of other species has not been determined.		
Applications:	Western blot: working dilution of 1:2,000; immunoprecipitation: working dilution of 1:500. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	4°C for short term storage. For long term storage, aliquot and store at -20°C. Avoid repeated freeze-thaw cycles.		



Detection of rat MMP-2
in rat fetus tissue lysate

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