

Product datasheet for **AP26359PU-N**

Mmp2 Rabbit Polyclonal Antibody

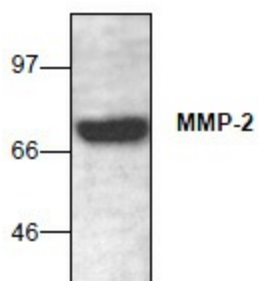
Product data:

Product Type:	Primary Antibodies
Applications:	IP, WB
Recommended Dilution:	Western blot (0.5-4 µg/ml). Immunoprecipitation (4-8 µg/ml).
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	E. coli-expressed active rat 72-kDa type IV collagenase
Specificity:	This antibody detects MMP-2. It has no cross-reactivity with other MMP family members.
Formulation:	Phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA, 0.02% thimerosal State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography
Conjugation:	Unconjugated
Storage:	Upon receipt, store at -20 °C. For long term storage, aliquot and store at -70 °C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	matrix metalloproteinase 2
Database Link:	Entrez Gene 81686 Rat P33436
Background:	The mammalian Matrix metalloproteinases (MMPs) degrade extracellular matrix in physiological and pathological processes. After cleavage of a single 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.
Synonyms:	MMP2, CLG4A, 72 kDa gelatinase, Matrix metalloproteinase-2, Gelatinase A, TBE-1



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Product images:



: Western blot analysis of MMP-2 expression in rat Fetus tissue lysate.