

Product datasheet for **AP26349PU-N**

MMP8 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western blot (1-4 µg/ml).
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide surrounding amino acid 448 of rat MMP-8
Specificity:	This antibody recognizes latent (85 kDa) and active forms (25-65 kDa) of MMP8.
Formulation:	Phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography
Conjugation:	Unconjugated
Storage:	Upon receipt, store (in aliquots) at -20°C to -80°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	matrix metalloproteinase 8
Database Link:	Entrez Gene 17394 Mouse Entrez Gene 63849 Rat Entrez Gene 4317 Human P22894
Background:	The matrix metalloproteinases (MMP) are a family of peptidase enzymes responsible for the degradation of extracellular matrix components, including collagen, gelatin, fibronectin, laminin and proteoglycan. Transcription of MMP genes is differentially activated by phorbol ester, lipopolysaccharide (LPS) or staphylococcal enterotoxin B (SEB). MMP catalysis requires both calcium and zinc. Unlike other members of the MMP family, MMP-8 is expressed exclusively in inflammatory conditions. MMP-8 is also the predominant collagenase expressed in ulcers and healing wounds.



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Synonyms: Neutrophil collagenase, Matrix metalloproteinase-8, PMNL collagenase, MMP8, CLG1, PMNL-CL

Protein Families: Druggable Genome, Protease