

Datasheet for ABIN127179
anti-MMP13 antibody



[Go to Product page](#)

1 Image

Overview

Quantity:	0.1 mg
Target:	MMP13
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MMP13 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Synthetic peptide surrounding amino acid 454 of Rat MMP-13.
Specificity:	The antibody recognizes the proenzyme (~60 kDa) and the cleaved fragments (34 kDa and 48 kDa) of MMP-13.
Cross-Reactivity (Details):	Species reactivity (expected): Mouse, Rat, Equine (Horse), Rabbit and Bovine. Species reactivity (tested): Human.
Purification:	Affinity Chromatography.

Target Details

Target:	MMP13
Alternative Name:	MMP-13 (MMP13 Products)
Background:	The Matrix Metalloproteinases (MMP) are a family of peptidase enzymes responsible for the

Target Details

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. MMP-13 (also designated collagenase-3) is produced by breast carcinomas and degrades collagen type I, II, III. Synonyms: Collagenase 3, MMP13, Matrix metalloproteinase-13

Gene ID:	4322
NCBI Accession:	NP_002418
UniProt:	P45452

Application Details

Application Notes:	Western blotting (0.5-4 µg/mL) . Immunoprecipitation. Immunohistochemistry (works with Paraffin Embedded Sections). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Concentration:	0.5 mg/mL
Buffer:	PBS containing 30 % Glycerol, 0.5 % BSA and 0.01 % Thimerosal.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains thimerosal (merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C/-80 °C
Storage Comment:	Store the antibody undiluted at -20 °C or for long term storage (in aliquots) at -70 °C.

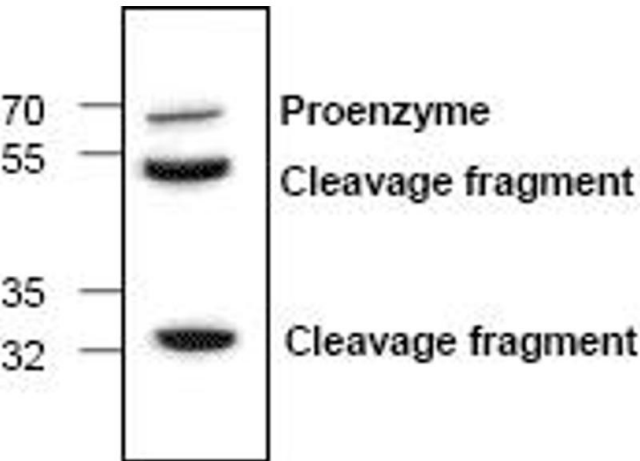


Image 1.