

Datasheet for ABIN203273
anti-MMP 9 antibody (AA 172-221)



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1 Image

Overview

Quantity:	100 µL
Target:	MMP 9 (MMP9)
Binding Specificity:	AA 172-221
Reactivity:	Human, Rat, Mouse, Rabbit, Cow, Dog, Horse, Guinea Pig, Zebrafish (Danio rerio), Sheep, Bat, Chicken, Hamster, Monkey, Pig, Xenopus laevis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MMP 9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide located between aa172-221 of human MMP9 (P14780, NP_004985). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Sheep, Hamster, Elephant, Panda, Dog, Bovine, Bat, Rabbit, Horse, Pig, Opossum, Guinea pig, Zebra finch, Chicken, Platypus, Xenopus, Trout, Salmon, Stickleback, Zebrafish, Sea squirt (100%), Catfish (92%). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human MMP9
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Rabbit, Horse, Pig, Chicken (100%)

Product Details

Dog, Bovine, Zebrafish (92%) Xenopus (85%).

Purification: Protein A purified

Target Details

Target: MMP 9 (MMP9)

Alternative Name: MMP9 / Gelatinase B ([MMP9 Products](#))

Background: Name/Gene ID: MMP9
Subfamily: Metallopeptidase M10A
Family: Protease

Synonyms: MMP9, 92kd gelatinase, 92 kd type iv collagenase, 92 kDa gelatinase, 92 kDa type IV collagenase, Matrix metalloproteinase-9, MMP-9, Type V collagenase, CLG4B, Gelatinase B, GELB, Macrophage gelatinase, MANDP2

Gene ID: 4318

NCBI Accession: [NP_004985](#)

UniProt: [P14780](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin](#), [Positive Regulation of Immune Effector Process](#), [CXCR4-mediated Signaling Events](#)

Application Details

Application Notes: Approved: IHC, WB (1.25 µg/mL)

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: After adding water, will consist of PBS buffer with 2 % sucrose

Concentration: Lot specific

Buffer: Lyophilized from PBS with 2 % sucrose

Handling Advice: Avoid repeat freeze-thaw cycles.

Handling

Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images

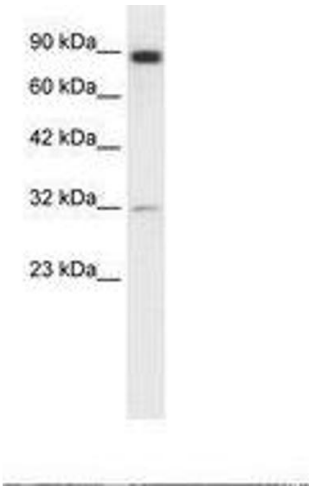


Image 1.