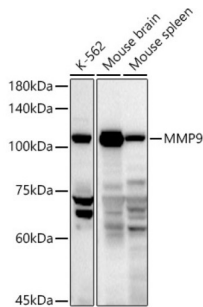


Matrix Metalloproteinase-9 (MMP9) Antibody

Catalogue No.: abx001707



Western blot analysis of extracts of various cell lines, using MMP9 antibody.

MMP9 Antibody is a Rabbit Polyclonal antibody against MMP9. Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. The enzyme encoded by this gene degrades type IV and V collagens. Studies in rhesus monkeys suggest that the enzyme is involved in IL-8-induced mobilization of hematopoietic progenitor cells from bone marrow, and murine studies suggest a role in tumor-associated tissue remodeling.

Target:	Matrix Metalloproteinase-9 (MMP9)
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	WB
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 538-707 of human MMP9.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Datasheet

Version: 4.0.0

Revision date: 19 Oct 2024



UniProt Primary AC: P14780 ([UniProt](#), [ExPASy](#))

Gene Symbol: MMP9

GeneID: [4318](#)

OMIM: [120361](#)

NCBI Accession: NP_004985.2

HGNC: 7176

KEGG: hsa:4318

Ensembl: ENSG00000100985

String: [9606.ENSP00000361405](#)

Enzyme Commission Number: EC 3.4.24, EC 3.4.24.35

Molecular Weight: Calculated MW: 78 kDa
Observed MW: 100/84 kDa

Buffer: PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.

Concentration: 2.40 mg/ml

Note: This product is for research use only.

For Reference Only