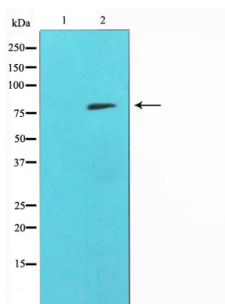


Matrix Metalloproteinase-9 (MMP9) Antibody

Catalogue No.: abx011175



Western blot analysis of HepG2 cell lysate using MMP9 Antibody.

MMP9 antibody detects endogenous levels of total MMP9. MMP9 May play an essential role in local proteolysis of the extracellular matrix and in leukocyte migration. Could play a role in bone osteoclastic resorption. Cleaves KiSS1 at a Gly-|-Leu bond. Cleaves type IV and type V collagen into large C-terminal three quarter fragments and shorter N-terminal one quarter fragments. Degrades fibronectin but not laminin or Pz-peptide. Belongs to the peptidase M10A family. Activated by 4-aminophenylmercuric acetate and phorbol ester. Exists as monomer or homodimer; disulfide-linked. Exists also as heterodimer with a 25 kDa protein. Macrophages and transformed cell lines produce only the monomeric form. Interacts with ECM1.

Target:	Matrix Metalloproteinase-9 (MMP9)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	WB, IHC
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Synthesised peptide derived from human MMP9
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P14780 (UniProt , ExpASY)
Gene Symbol:	MMP9

Datasheet

Version: 1.0.0
Revision date: 17 Jul 2024



KEGG: hsa:4318

Ensembl: ENSG00000100985

String: [9606.ENSP00000361405](#)

Enzyme Commission Number: EC 3.4.24.35, EC 3.4.24

Molecular Weight: 78 kDa

Buffer: PBS, pH 7.4, 150 mM NaCl, 0.02% sodium azide and 50% glycerol.

Specificity: MMP9 antibody detects endogenous levels of total MMP9

Concentration: 1 mg/ml

Note: This product is for research use only.

For Reference Only