

Rabbit MMP-2 Polyclonal Antibody | anti-MMP-2 antibody

MMP-2 Polyclonal Antibody

CATALOG # AAA172326	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Monkey	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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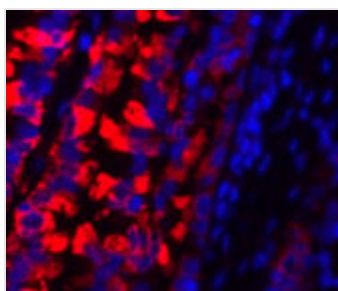
PRODUCT SYNONYMS

MMP-2; Polyclonal Antibody; MMP-2 Polyclonal Antibody; MMP2; CLG4A; 72 kDa type IV collagenase; 72 kDa gelatinase; Gelatinase A; Matrix metalloproteinase-2; TBE-1; anti-MMP-2 antibody

PRODUCT SPECIFICATIONS

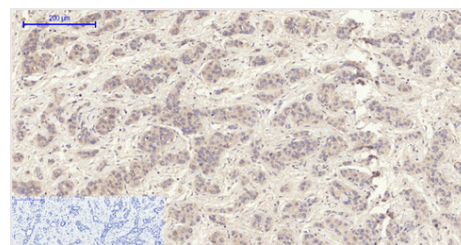
Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1 mg/ml (varies by lot)
Sequence Length	30
Applicable Applications for anti-MMP-2 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



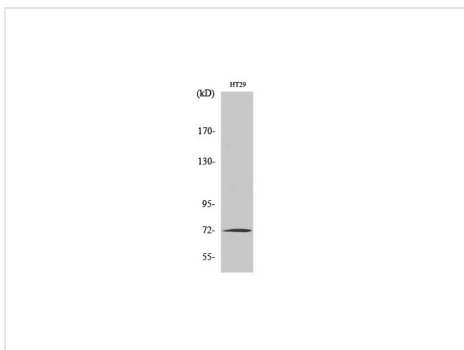
IF (Immunofluorescence)

Immunofluorescence analysis of Rat lung tissue using MMP-2 Polyclonal Antibody at dilution of 1:200.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using MMP-2 Polyclonal Antibody at dilution of 1:200.



WB (Western Blot)

Western Blot analysis of HT-29 cells using MMP-2 Polyclonal Antibody at dilution of 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-MMP-2 antibody	Background: Ubiquitous metalloproteinase that is involved in diverse functions such as remodeling of the vasculature, angiogenesis, tissue repair, tumor invasion, inflammation, and atherosclerotic plaque rupture. As well as degrading extracellular matrix proteins, can also act on several nonmatrix proteins such as big endothelial 1 and beta-type CGRP promoting vasoconstriction. Also cleaves KISS at a Gly-Leu bond. Appears to have a role in myocardial cell death pathways. Contributes to myocardial oxidative stress by regulating the activity of GSK3beta. Cleaves GSK3beta in vitro.PEX, the C-terminal non-catalytic fragment of MMP2, possesses anti-angiogenic and anti-tumor properties and inhibits cell migration and cell adhesion to FGF2 and vitronectin. Ligand for integrin/beta3 on the surface of blood vessels.
Product Categories/Family for anti-MMP-2 antibody	Cancer; Cell biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	8050250
NCBI GeneID	4313
UniProt Accession #	P08253; P97581; Q6GMM9; P33436
NCBI Official Full Name	MMP-2, partial
NCBI Official Synonym Full Names	matrix metalloproteinase 2
NCBI Official Symbol	Mmp2
NCBI Protein Information	72 kDa type IV collagenase
UniProt Protein Name	72 kDa type IV collagenase
UniProt Gene Name	Mmp2
UniProt Synonym Gene Names	MMP-2
UniProt Entry Name	MMP2_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mmp-2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/172326>