

# MMP-10 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP50649

## Product Information

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<b>Application</b>	WB, IF, IHC
<b>Primary Accession</b>	<a href="#">P09238</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Calculated MW</b>	54151

## Additional Information

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<b>Gene ID</b>	4319
<b>Other Names</b>	Stromelysin-2, SL-2, Matrix metalloproteinase-10, MMP-10, Transin-2, MMP10, STMY2
<b>Dilution</b>	WB~~1:1000 IF~~1:100 IHC~~1:50-1:100
<b>Format</b>	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.
<b>Storage Conditions</b>	-20°C

## Protein Information

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<b>Name</b>	MMP10
<b>Synonyms</b>	STMY2
<b>Function</b>	Can degrade fibronectin, gelatins of type I, III, IV, and V; weakly collagens III, IV, and V. Activates procollagenase.
<b>Cellular Location</b>	Secreted, extracellular space, extracellular matrix

## Background

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Can degrade fibronectin, gelatins of type I, III, IV, and V; weakly collagens III, IV, and V. Activates procollagenase.

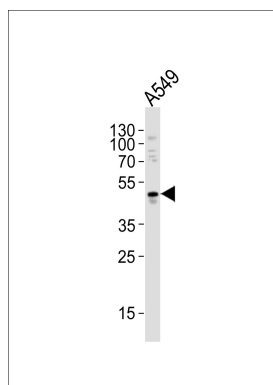
## References

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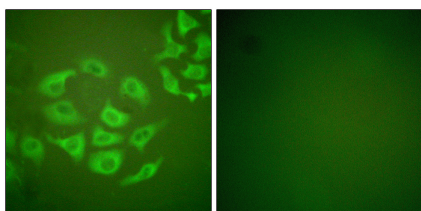
Muller D.,et al.Biochem. J. 253:187-192(1988).  
Kalnina N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Suzuki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.  
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

## Images

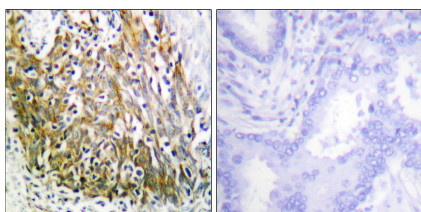
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Western blot analysis of lysate from A549 cell line, using MMP-10 Antibody (AP50649). AP50649 was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg.



Immunofluorescence analysis of HepG2 cells, using MMP-10 antibody.



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using MMP-10 antibody.

## Citations

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- [Nkx2-5 Is Expressed in Atherosclerotic Plaques and Attenuates Development of Atherosclerosis in Apolipoprotein E-Deficient Mice.](#)

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