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MMP-10 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50649

Product Information

Application	WB, IF, IHC
Primary Accession	P09238
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	polyclonal
Calculated MW	54151

Additional Information

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

Protein Information

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

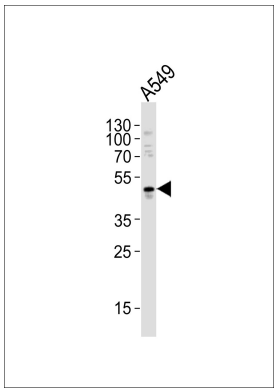
Background

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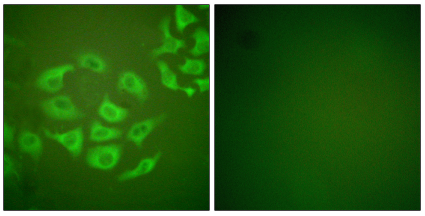
References

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Kalnine 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.

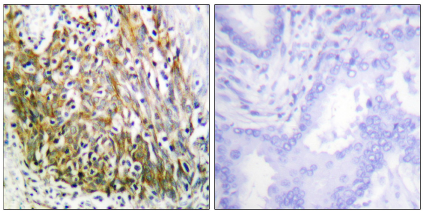
Images



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 35ug.



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



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

Citations

- Nkx2-5 Is Expressed in Atherosclerotic Plaques and Attenuates Development of Atherosclerosis in Apolipoprotein E-Deficient Mice.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.