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**Product Name: MMP3 Rabbit Polyclonal Antibody****Catalog #: APRab03378**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,ELISA
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Chromatography

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
<b>Molecular Weight</b>	Calculated MW: 54 kDa; Observed MW: 54 kDa

**Antigen Information**

<b>Gene Name</b>	MMP3
<b>Alternative Names</b>	MMP3; STMY1; Stromelysin-1; SL-1; Matrix metalloproteinase-3; MMP-3; Transin-1
<b>Gene ID</b>	4314
<b>SwissProt ID</b>	P08254
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human MMP-3. AA range:421-470

**Background**

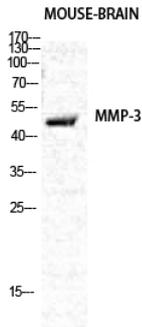
MMP3 Can degrade fibronectin, laminin, gelatins of type I, III, IV, and V; collagens III, IV, X, and IX, and cartilage proteoglycans.

Activates procollagenase. Belongs to the peptidase M10A family.

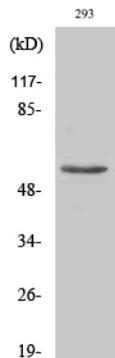
## Research Area

Cardiovascular

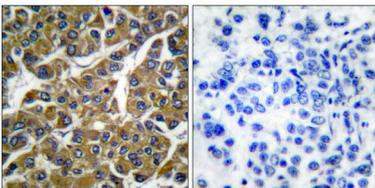
## Image Data



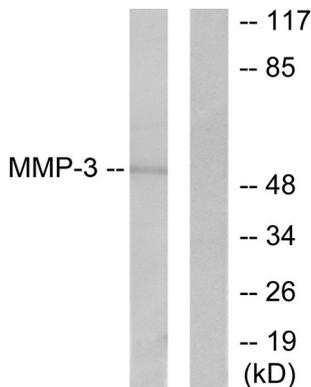
Western blot analysis of MMP3 in various lysates using MMP3 antibody.



Western blot analysis of MMP3 in 293 lysates using MMP3 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma tissue using MMP3 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.



Western blot analysis of MMP3 in 293 lysates using MMP3 antibody. The lane on the right is blocked with the synthesized peptide.

