

## MMP7 (Cleaved-Tyr95) rabbit pAb

<b>Catalog No :</b>	YC0192
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;ELISA;IHC
<b>Target :</b>	MMP-7
<b>Fields :</b>	>>Wnt signaling pathway;>>Human T-cell leukemia virus 1 infection
<b>Gene Name :</b>	MMP7 MPST1 PUMP1
<b>Protein Name :</b>	MMP7 (Cleaved-Tyr95)
<b>Human Gene Id :</b>	4316
<b>Human Swiss Prot No :</b>	P09237
<b>Mouse Swiss Prot No :</b>	Q10738
<b>Rat Gene Id :</b>	25335
<b>Rat Swiss Prot No :</b>	P50280
<b>Immunogen :</b>	Synthesized peptide derived from human MMP7 (Cleaved-Tyr95)
<b>Specificity :</b>	This antibody detects endogenous levels of Human,Mouse,Rat MMP7 (Cleaved-Tyr95, protein was cleaved amino acid sequence between 94-95 )
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000;IHC 1:50-300; ELISA 2000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.

**Concentration :** 1 mg/ml

**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

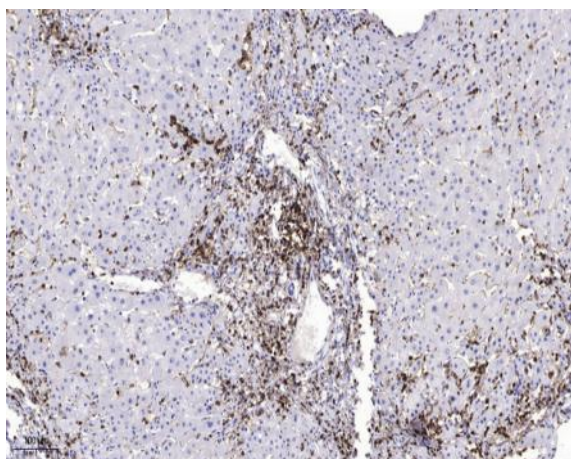
**Observed Band :** 19 29kD

**Background :** catalytic activity: Cleavage of 14-Ala-|-Leu-15 and 16-Tyr-|-Leu-17 in B chain of insulin. No action on collagen types I, II, IV, V. Cleaves gelatin chain alpha-2(I) > alpha-1(I)., cofactor: Binds 2 calcium ions per subunit., cofactor: Binds 2 zinc ions per subunit., domain: The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc ion, thus inhibiting the enzyme. The dissociation of the cysteine from the zinc ion upon the activation-peptide release activates the enzyme., function: Degrades casein, gelatins of types I, III, IV, and V, and fibronectin. Activates procollagenase., similarity: Belongs to the peptidase M10A family.,

**Function :** proteolysis, collagen catabolic process, collagen metabolic process, regulation of cell proliferation, multicellular organismal metabolic process, multicellular organismal catabolic process, multicellular organismal macromolecule metabolic process,

**Subcellular Location :** Secreted, extracellular space, extracellular matrix .

## Products Images



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA, pH 9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 45min).