

## Anti-MMP1 antibody (380-460 C-Term) (STJ94157)

STJ94157

### GENERAL INFORMATION

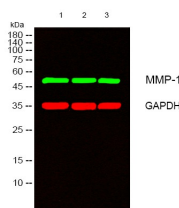
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-Interstitial Collagenase (380-460 C-Term) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry and ELISA research applications.
<b>Applications</b>	WB, IHC-P, IF, ICC, ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human, Rat, Mouse

### PRODUCT PROPERTIES

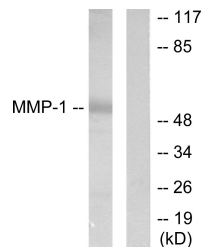
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
<b>Dilution Range</b>	WB 1:500-1:2000 IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:20000
<b>Formulation</b>	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

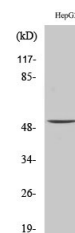
<b>Gene ID</b>	4312
<b>Gene Symbol</b>	MMP1
<b>Uniprot ID</b>	MMP1_HUMAN
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human MMP-1 at amino acid range 411-460
<b>Immunogen Region</b>	380-460 C-Term
<b>Specificity</b>	MMP1 polyclonal antibody (Interstitial Collagenase) binds to endogenous Interstitial Collagenase at the amino acid region 380-460 C-Term.
<b>Immunogen Sequence</b>	



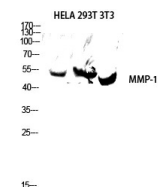
Western blot analysis of lysates from 1) K562, 2) Jurkat, 3) HeLa cells. (Green) primary antibody was diluted at 1:1000, 4°C over night, secondary antibody (cat: (NA) was diluted at 1:10000, 37°C 1hour. (Red) GAPDH monoclonal antibody (2B9) (cat: (STJ98931) antibody was diluted at 1:5000 as loading control, 4°C over night, secondary antibody (cat: (NA) was diluted at 1:10000, 37°C 1hour.



Western blot analysis of lysates from HepG2 cells, using MMP-1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of HepG2 cells using MMP-1 Polyclonal Antibody diluted at 1: 1000



Western blot analysis of HELA 293T 3T3 cells using MMP-1 antibody. Antibody was diluted at 1:1000

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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