

Anti-COL1A2 antibody (1-50 aa) (STJ92383)

STJ92383

GENERAL INFORMATION

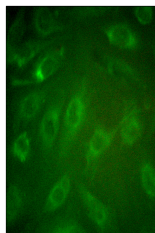
Product Type	Primary antibodies
Short Description	Rabbit polyclonal antibody anti-Collagen alpha-2(I) chain (1-50 aa) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence and ELISA research applications.
Applications	WB/IHC/IF/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

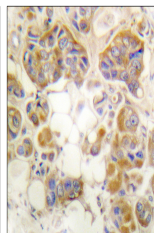
Clonality	Polyclonal
Clone ID	
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution Range	WB 1:500-2000 IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:10000
Formulation	Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

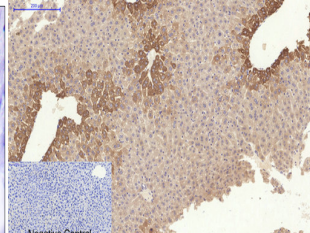
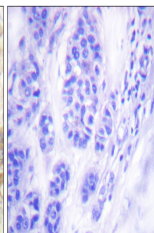
Gene ID	1278
Gene Symbol	COL1A2
Uniprot ID	CO1A2_HUMAN
Immunogen	The antiserum was produced against synthesized peptide derived from the human Collagen I at the amino acid range 1-50
Immunogen Region	1-50 aa
Specificity	COL1A2 Polyclonal Antibody detects endogenous levels of COL1A2 protein.
Immunogen Sequence	



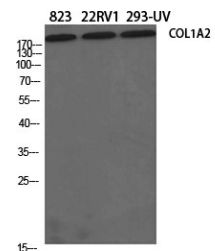
Immunofluorescence analysis of NIH/3T3 cells, using Collagen I Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Collagen I Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded Mouse-liver tissue, 1. COL1A2 Polyclonal Antibody was diluted at 1:200 (4A°C, overnight), 2. Sodium citrate pH 6.0 was used for antibody retrieval (>98A°C, 20min). 3. Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.



Western blot analysis of various cells using COL1A2 Polyclonal Antibody diluted at 1:1000 500