

Anti-COL10A1 antibody (521-680) (STJ11100547)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Rat

PRODUCT PROPERTIES

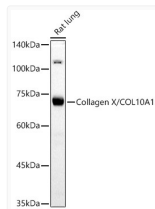
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:100-1:500 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 66kDa Observed Mw: 66kDa
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	1300
Gene Symbol	COL10A1
UniProt ID	COAA1_HUMAN
Immunogen Region	521-680
Immunogen Sequence	MPEGFIKAGQRPSLSGTPLV SANQGVTGMPVSAFTVILSK AYPAGTPIPFDKILYNRQQ HYDPRTGIFTCCQIPGIYYFS YHVHVKGTHVWVGLYKNGTP VMYTYDEYTKGYLDQASGSA IIDLTENDQVWLQLPNAESN GLYSSEYVHSSFSGLVAPM
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 521-680 of human Collagen X/COL10A1 (NP_000484.2).

ADDITIONAL INFORMATION

Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Western blot analysis of lysates from Rat lung, using Collagen X/COL10A1 Rabbit pAb (STJ11100547) at 1:500 dilution.

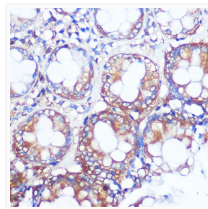
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.

Lysates/proteins: 25 Mu g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit

Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Human colon using Collagen X/COL10A1 Rabbit pAb (STJ11100547) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to immunohistochemistry staining.