

## Anti-COL1A1 antibody (1359-1464) (STJ11105651)

STJ11105651

### GENERAL INFORMATION

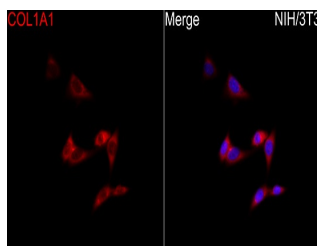
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse

### PRODUCT PROPERTIES

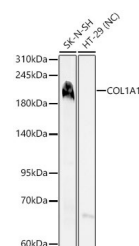
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:1000-1:5000 IF/ICC:1:100-1:500 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
<b>Isotype</b>	IgG
<b>Storage</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
<b>Instruction</b>	

### TARGET INFORMATION

<b>Gene ID</b>	1277
<b>Gene Symbol</b>	COL1A1
<b>Uniprot ID</b>	CO1A1_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	1359-1464
<b>Specificity</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1359-1464 of human COL1A1 (NP_000079.2).
<b>Immunogen Sequence</b>	STEASQNITYHCKNSVAYMD QQTGNLKKALLQGSNEIEI RAEGNSRFTYSVTVDGCTSH TGAWGKTVEYKTTKTSRLP IIDVAPLDVGAPDQEGFDV GPVCF



Immunofluorescence analysis of NIH/3T3 cells using Anti-COL1A1 Rabbit polyclonal antibody (STJ11105651) at a dilution of 1:250 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using Anti-COL1A1 Rabbit polyclonal antibody (STJ11105651) at a dilution of 1:3000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Negative control (NC): HT-29. Exposure time: 30s.

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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