

**Collagen III Antibody**  
**Rabbit mAb**  
**Catalog # AP92678****Specification**

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**Collagen III Antibody - Product Information**

Application	<b>WB, IHC, FC, ICC, IP</b>
Primary Accession	<a href="#">P02461</a>
Reactivity	<b>Rat</b>
Clonality	<b>Monoclonal</b>

**Other Names**

Alpha 1 type III collagen; COL3A1; Collagen III alpha 1 chain precursor; Collagen type III alpha ; EDS4A; Fetal collagen; Type III collagen;

Isotype	<b>Rabbit IgG</b>
Host	<b>Rabbit</b>
Calculated MW	<b>138564 Da</b>

**Collagen III Antibody - Additional Information**

Purification	<b>Affinity-chromatography</b>
Immunogen	<b>A synthesized peptide derived from Collagen III</b>
Description	<b>Collagen type III occurs in most soft connective tissues along with type I collagen.</b>
Storage Condition and Buffer	<b>Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.</b>

**Collagen III Antibody - Protein Information**

**Name** COL3A1

**Function**

Collagen type III occurs in most soft connective tissues along with type I collagen. Involved in regulation of cortical development. Is the major ligand of ADGRG1 in the developing brain and binding to ADGRG1 inhibits neuronal migration and activates the RhoA pathway by coupling ADGRG1 to GNA13 and possibly GNA12.

**Cellular Location**

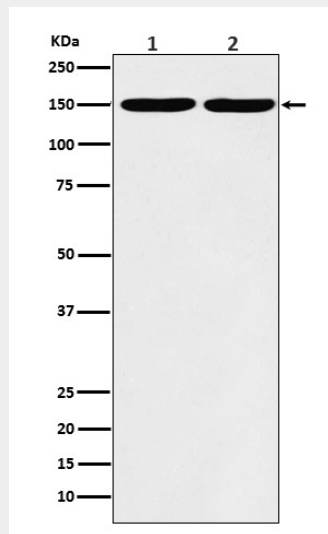
Secreted, extracellular space, extracellular matrix {ECO:0000255|PROSITE-ProRule:PRU00793}

**Collagen III Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

### Collagen III Antibody - Images



Western blot analysis of Collagen III expression in (1) A431 cell lysate; (2) MCF7 cell lysate.