

Collagen III Antibody
Rabbit mAb
Catalog # AP92678

Specification

Collagen III Antibody - Product Information

Application	WB, IHC, FC, ICC, IP
Primary Accession	P02461
Reactivity	Rat
Clonality	Monoclonal

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	Rabbit IgG
Host	Rabbit
Calculated MW	138564 Da

Collagen III Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from Collagen III
Description	Collagen type III occurs in most soft connective tissues along with type I collagen.
Storage Condition and Buffer	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.

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

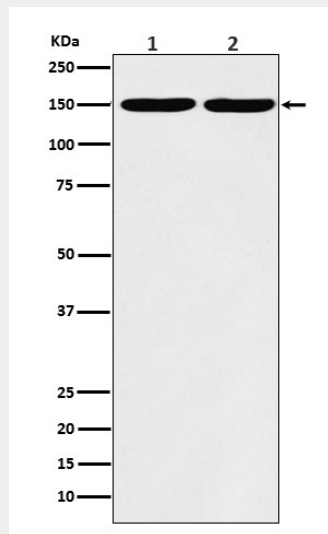
Secreted, extracellular space, extracellular matrix {ECO:0000255|PROSITE-ProRule:PRU00793}

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](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Collagen III Antibody - Images



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