

**Cleaved-COL3A1 (G1221) Polyclonal Antibody**  
**Catalog # AP63125****Specification**

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**Cleaved-COL3A1 (G1221) Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P02461</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

**Cleaved-COL3A1 (G1221) Polyclonal Antibody - Additional Information****Gene ID** 1281**Other Names**

COL3A1; Collagen alpha-1(III) chain

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**Cleaved-COL3A1 (G1221) Polyclonal 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}

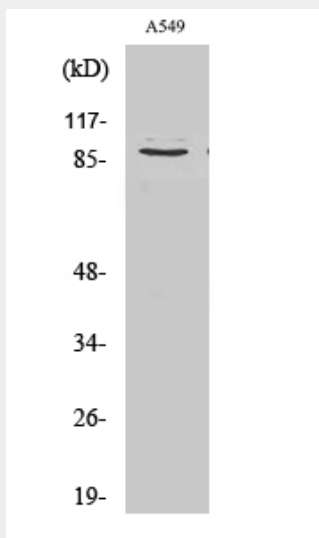
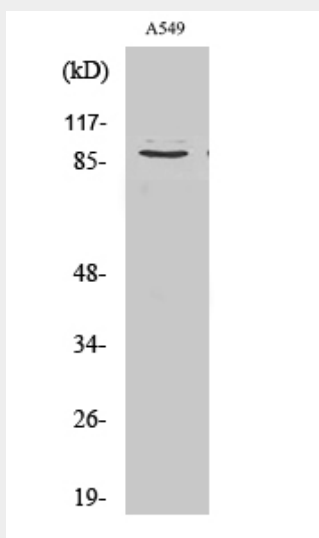
**Cleaved-COL3A1 (G1221) Polyclonal Antibody - Protocols**

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](#)

### Cleaved-COL3A1 (G1221) Polyclonal Antibody - Images



### Cleaved-COL3A1 (G1221) Polyclonal Antibody - Background

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.