

**Collagen 3 alpha 1 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51104**

**Specification**

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**Collagen 3 alpha 1 Antibody - Product Information**

Application	WB, ICC, IHC-P, E
Primary Accession	<a href="#">P02461</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	140 KDa

**Collagen 3 alpha 1 Antibody - Additional Information**

**Gene ID** 1281

**Other Names**

Collagen alpha-1(III) chain, COL3A1

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Collagen 3 alpha 1 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 3 alpha 1 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 3 alpha 1 Antibody - Images**

### **Collagen 3 alpha 1 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 GPR56 in the developing brain and binding to GPR56 inhibits neuronal migration and activates the RhoA pathway by coupling GPR56 to GNA13 and possibly GNA12.

### **Collagen 3 alpha 1 Antibody - References**

Ala-Kokko L., et al. *Biochem. J.* 260:509-516(1989).  
Valkkila M., et al. *Matrix Biol.* 20:357-366(2001).  
Hillier L.W., et al. *Nature* 434:724-731(2005).  
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.  
Benson-Chanda V., et al. *Gene* 78:255-265(1989).