

Collagen 3 alpha 1 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51105

Specification

Collagen 3 alpha 1 Antibody - Product Information

Application	WB, E
Primary Accession	P02461
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	95 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).